

Fig 1

Receive 202

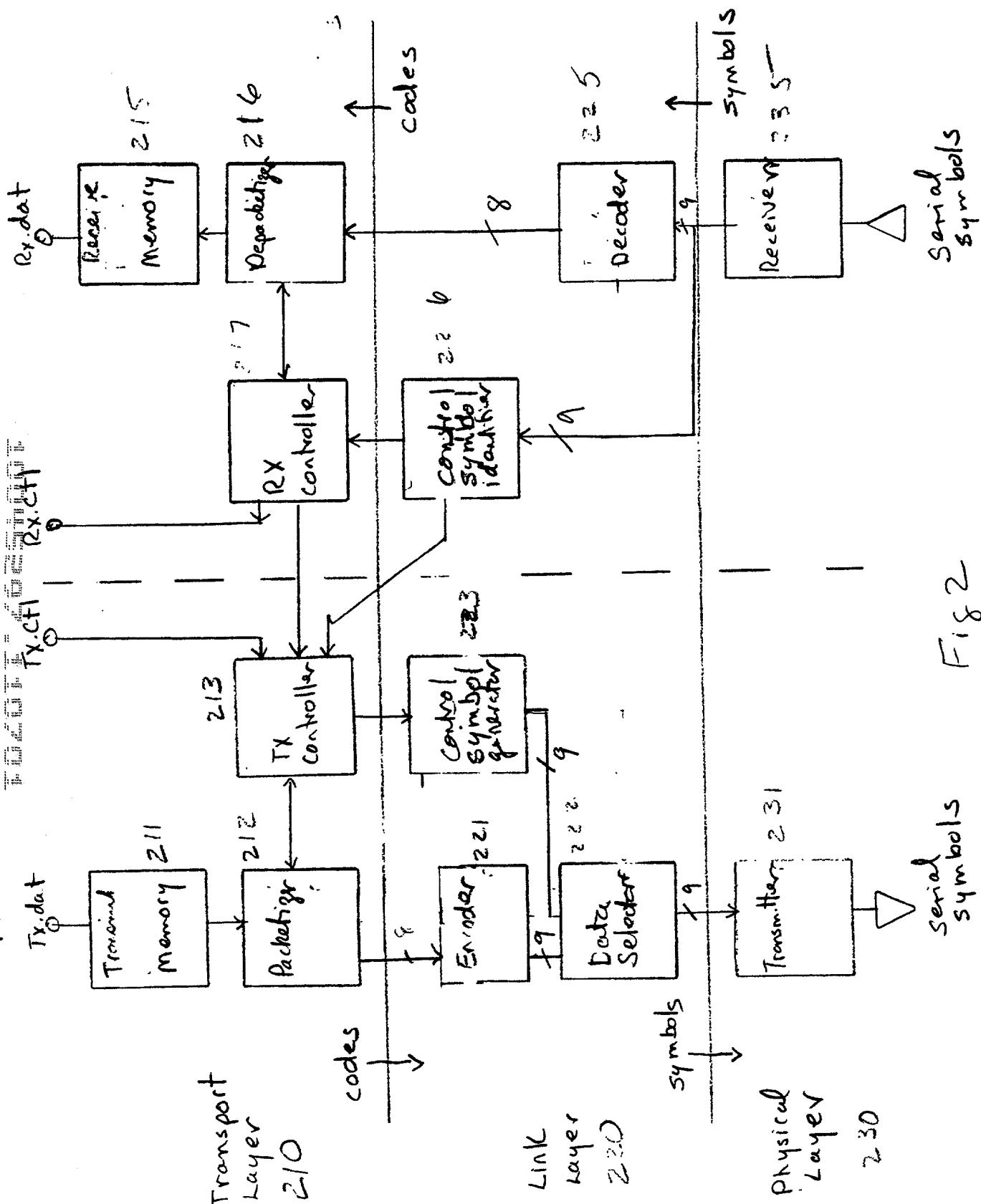


Fig 2

Physical Layer

230

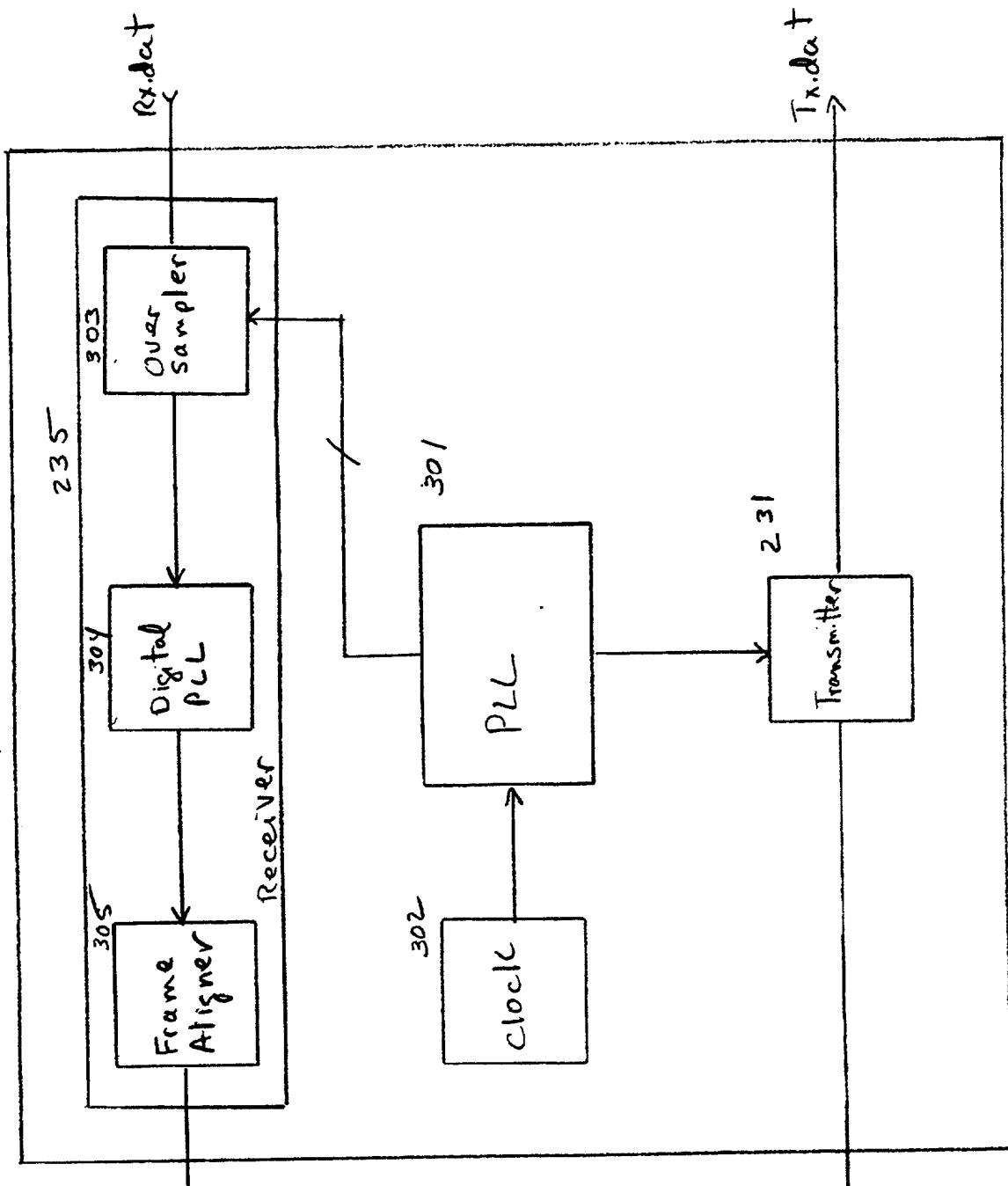


Fig 3

Packet

400

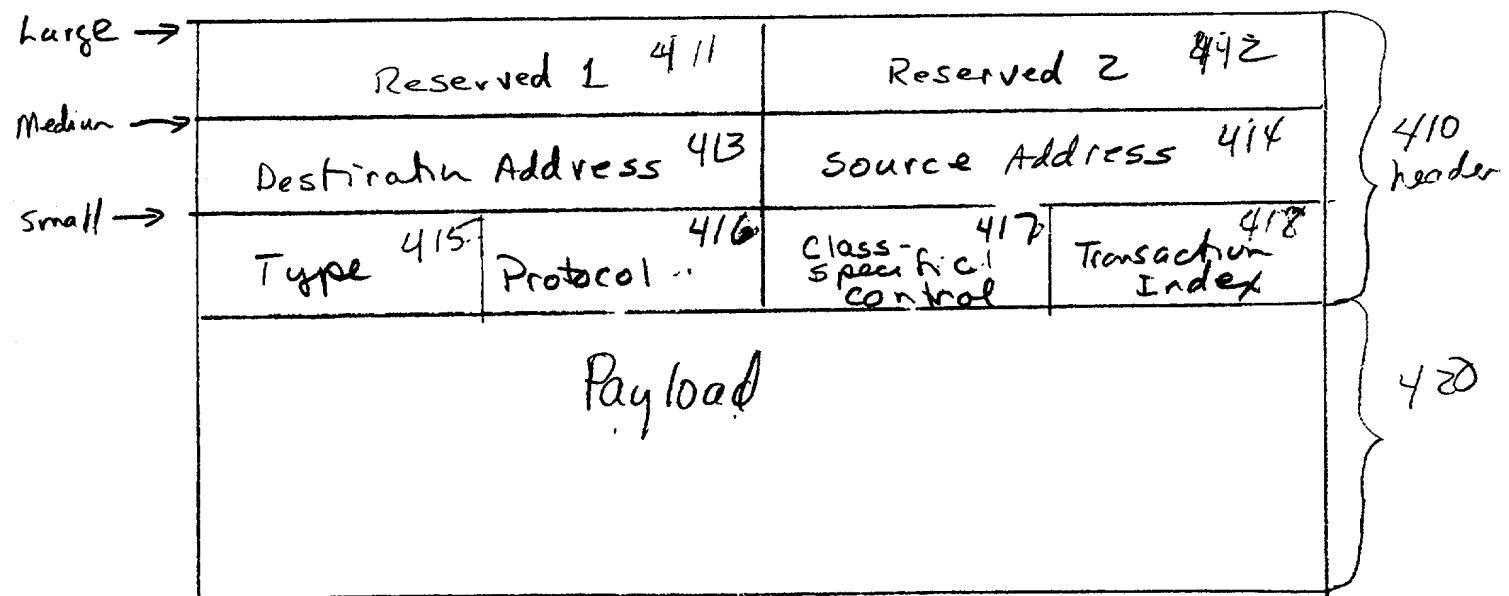
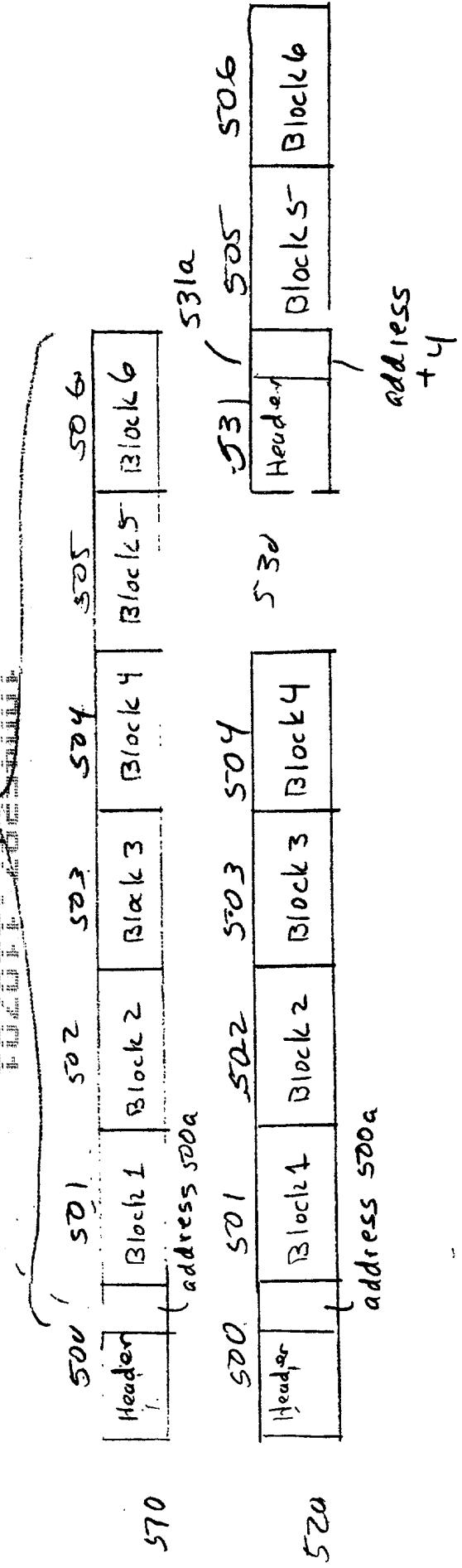
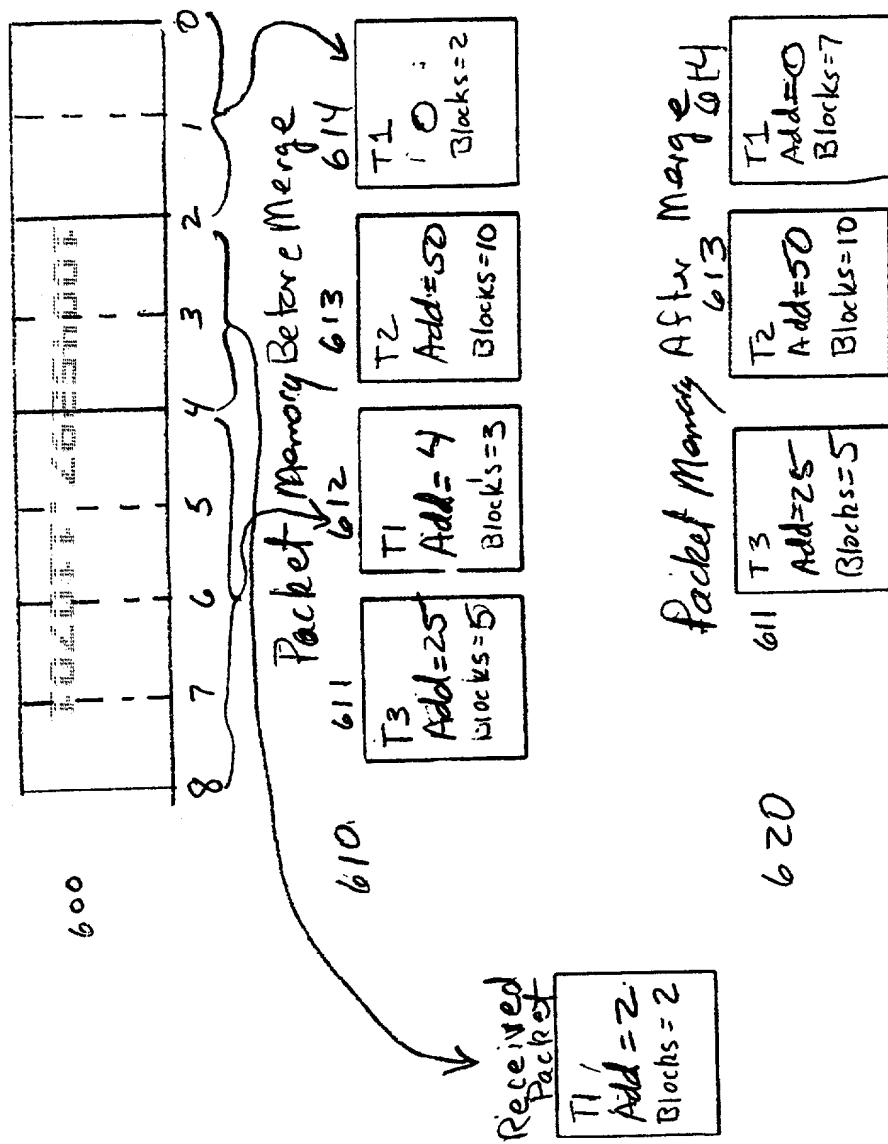


Fig 4

Payload 511



T.1



F. 8.4

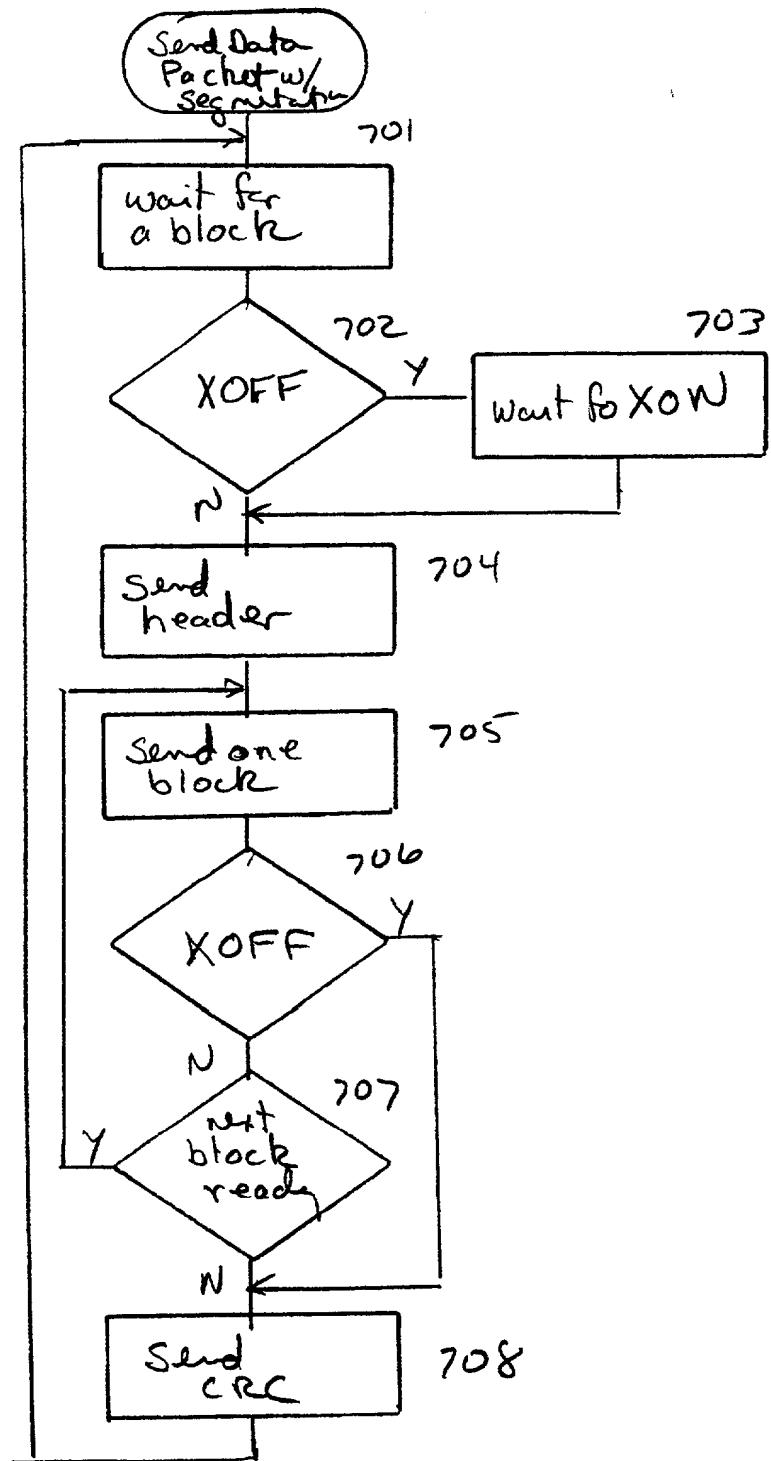


Fig 7

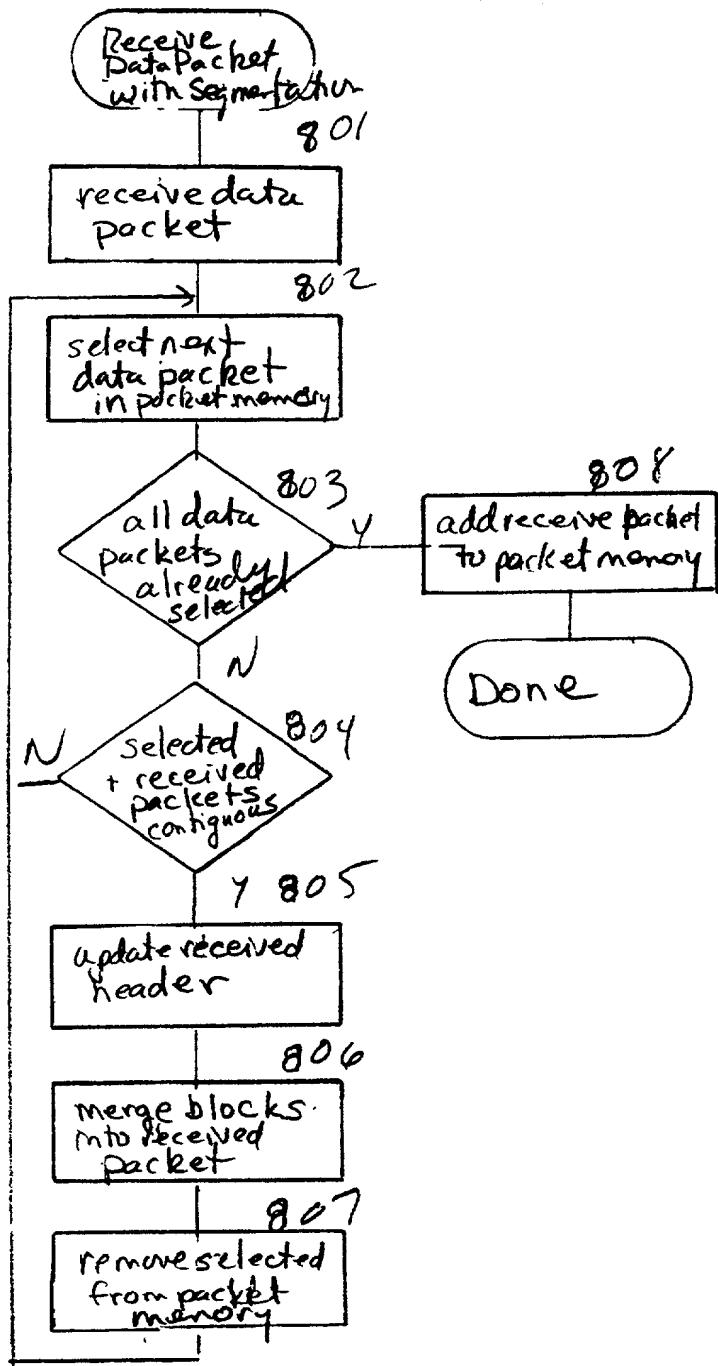
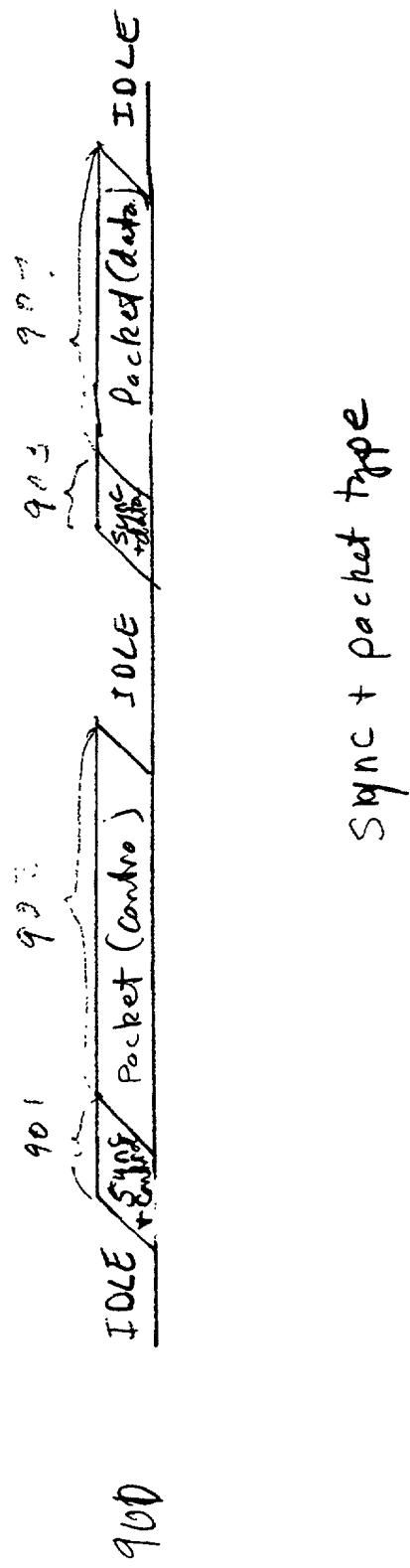


Fig 8



Sync + packet type

Fig 9A

FIG. 10

Fig 9 B

9/0

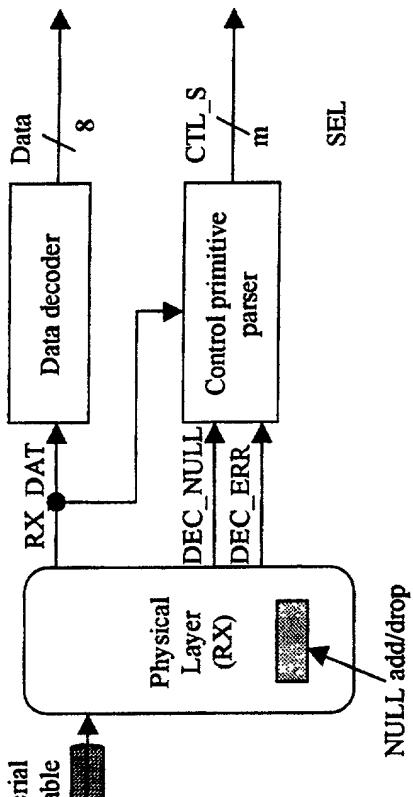
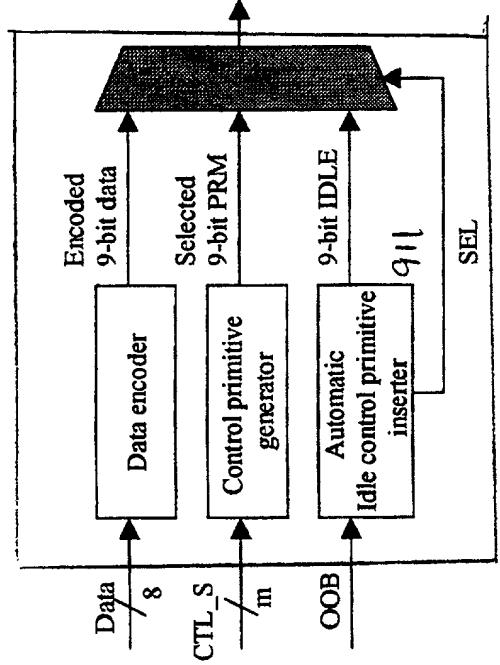


Fig 8.9C

Packet Memory 211

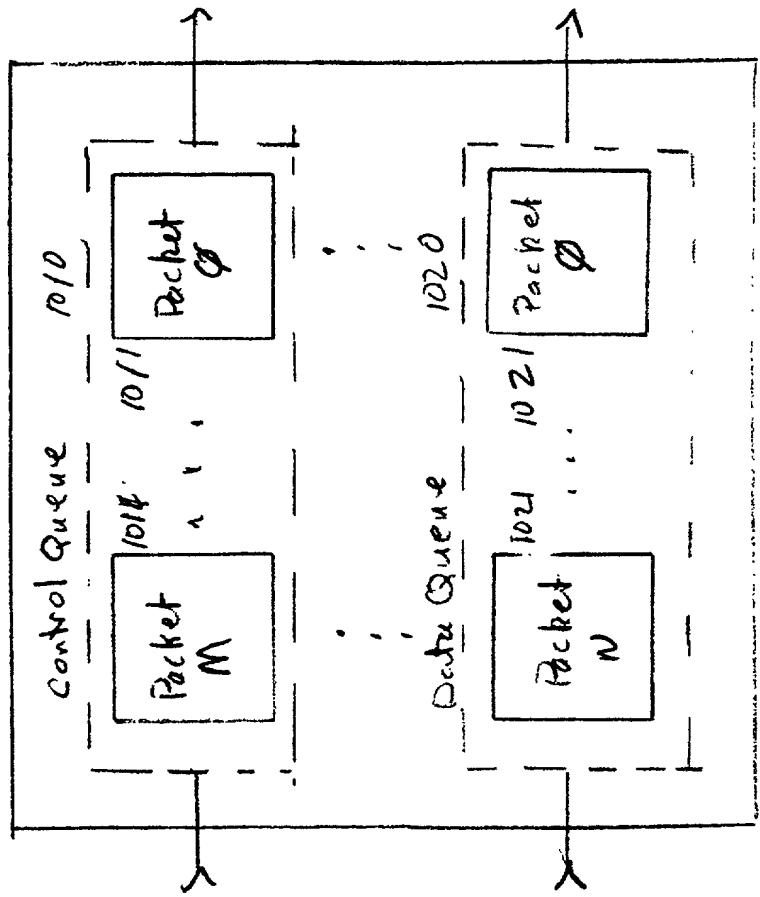


Fig 10

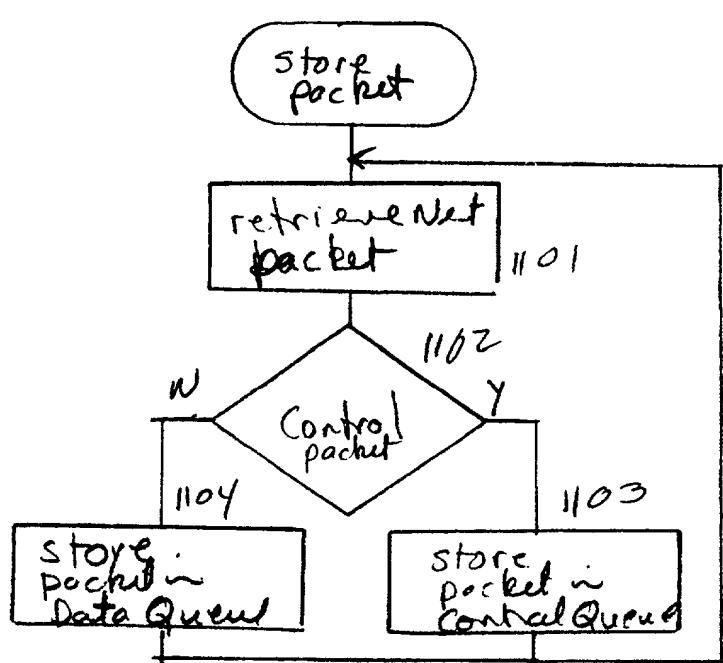


Fig 11

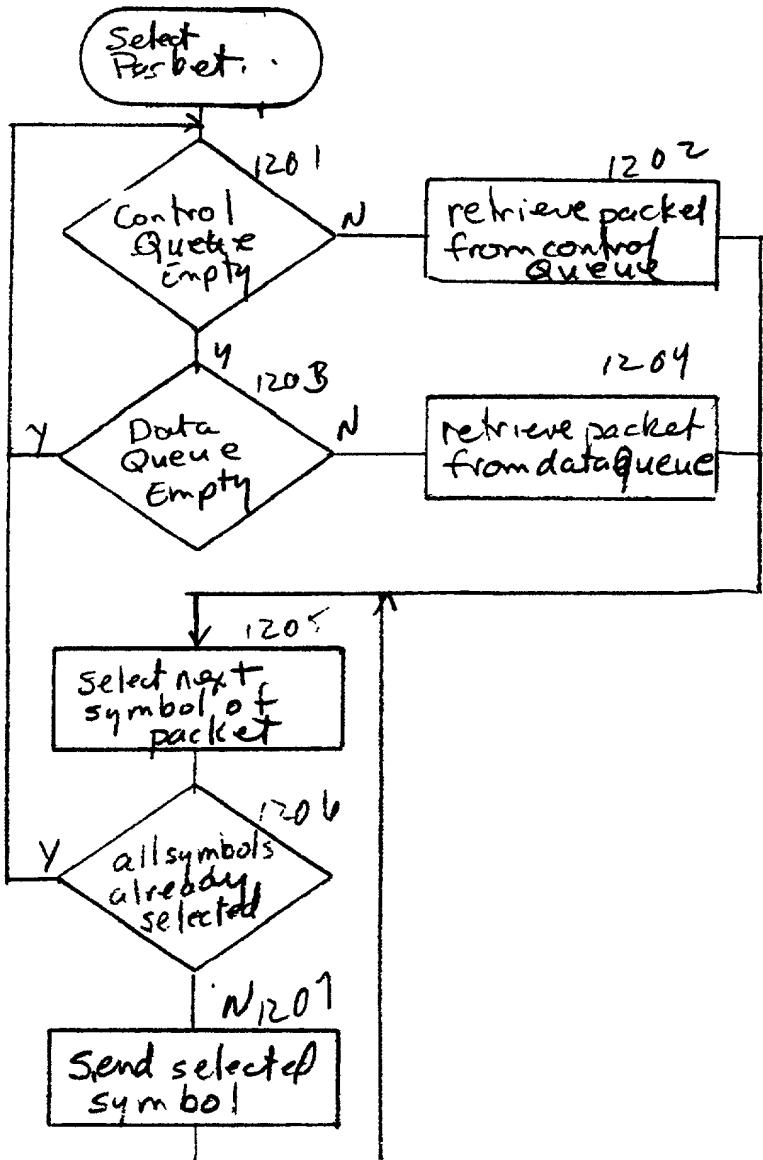


Fig 12

idle packet control prompt

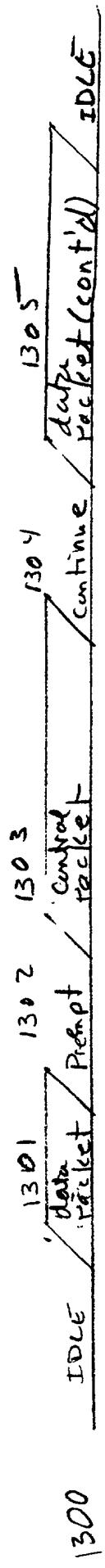


Fig 13

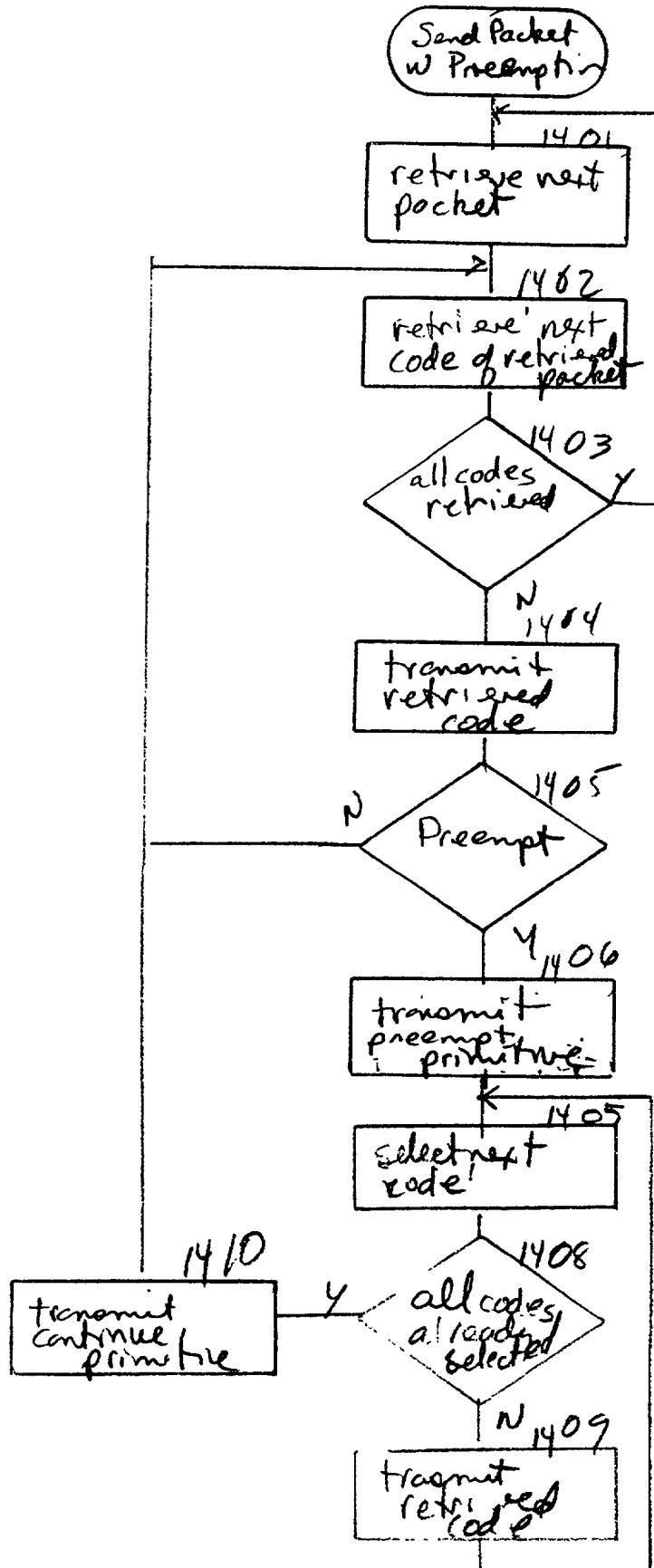


Fig 14

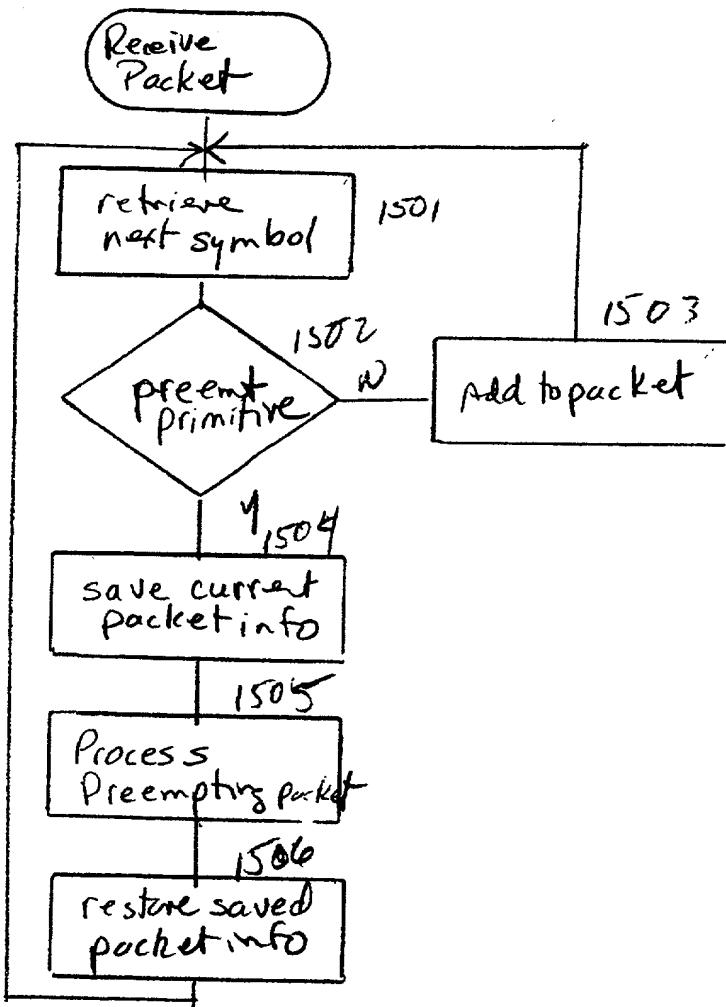


Fig 15

Switch Network 1630

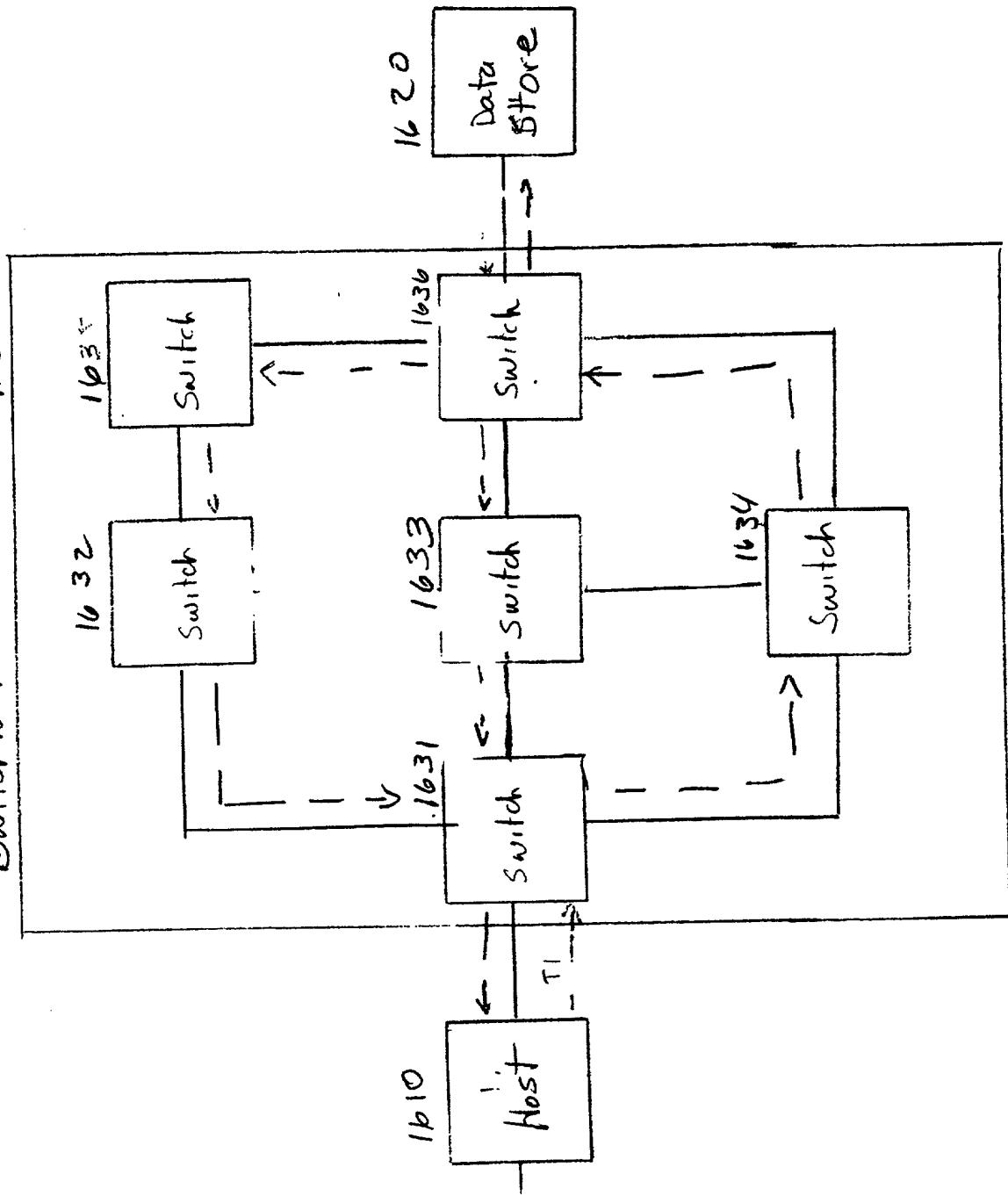
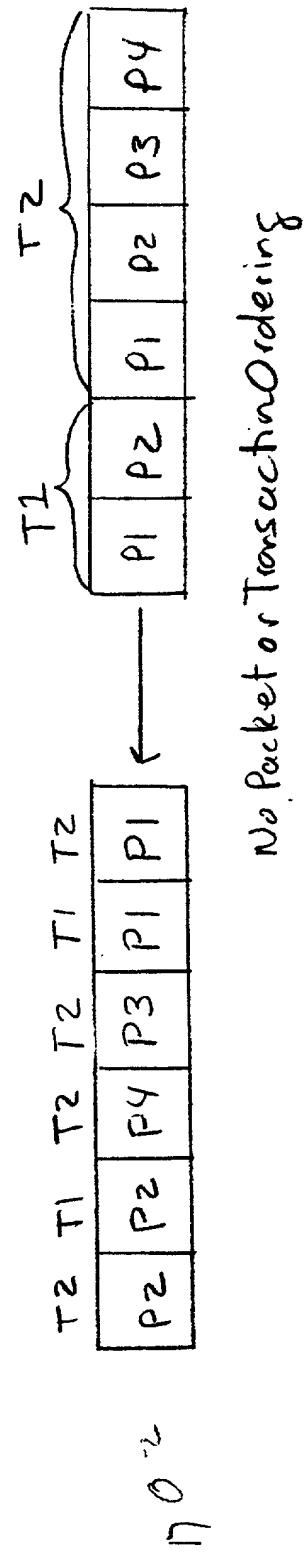
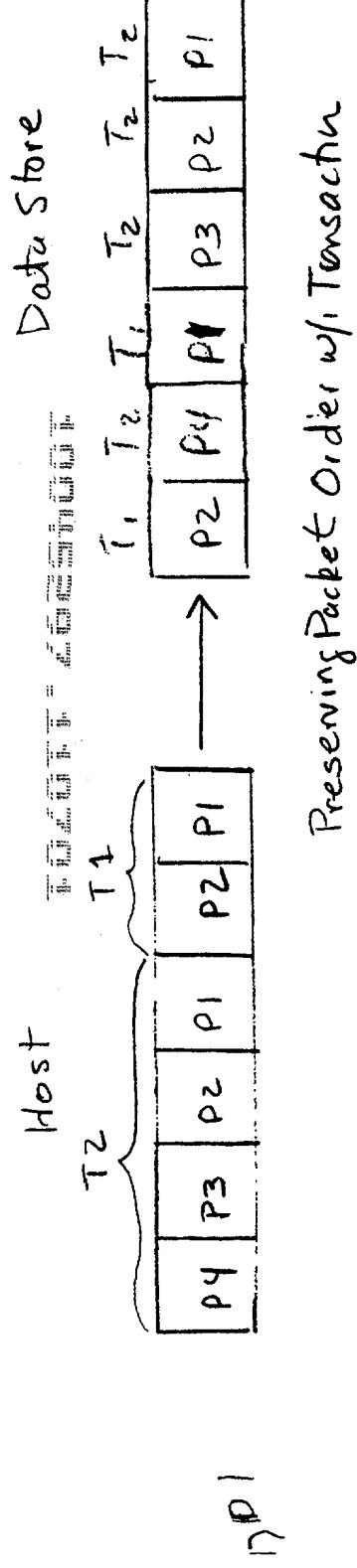


Fig 16



$$\sum_{i=1}^n$$

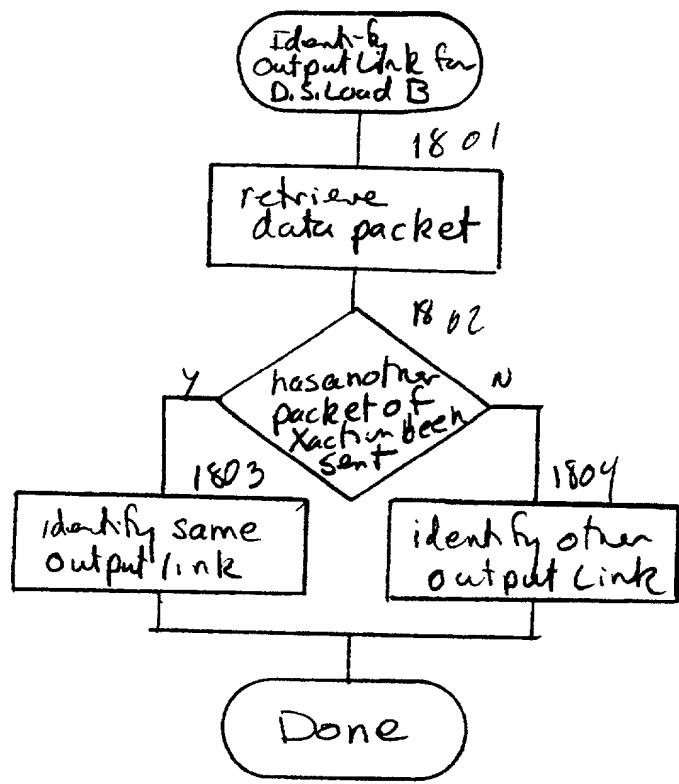
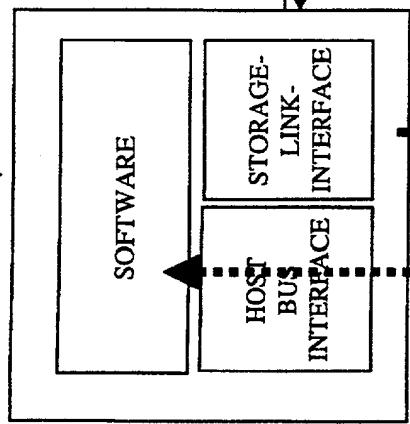


Fig 18

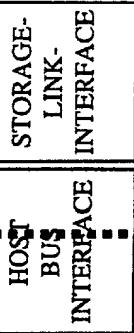
Host 1901



1902

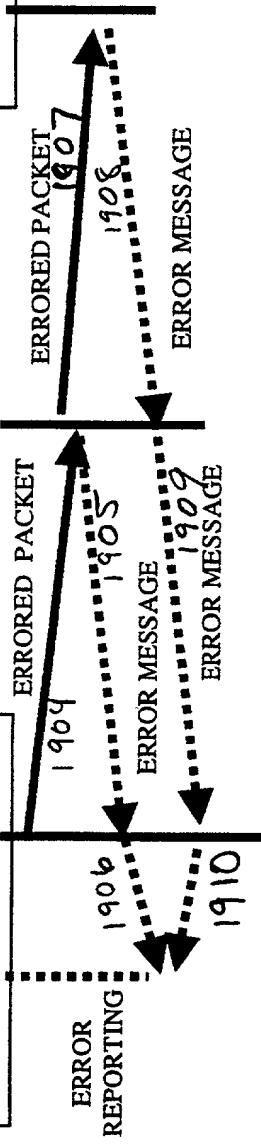
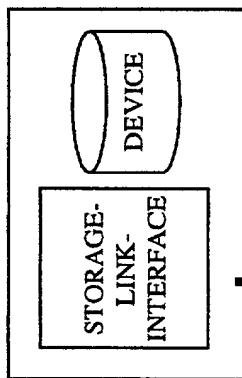
SERIAL LINK

SWITCH



Data Store Device

1903



ANS

Fig 19 A

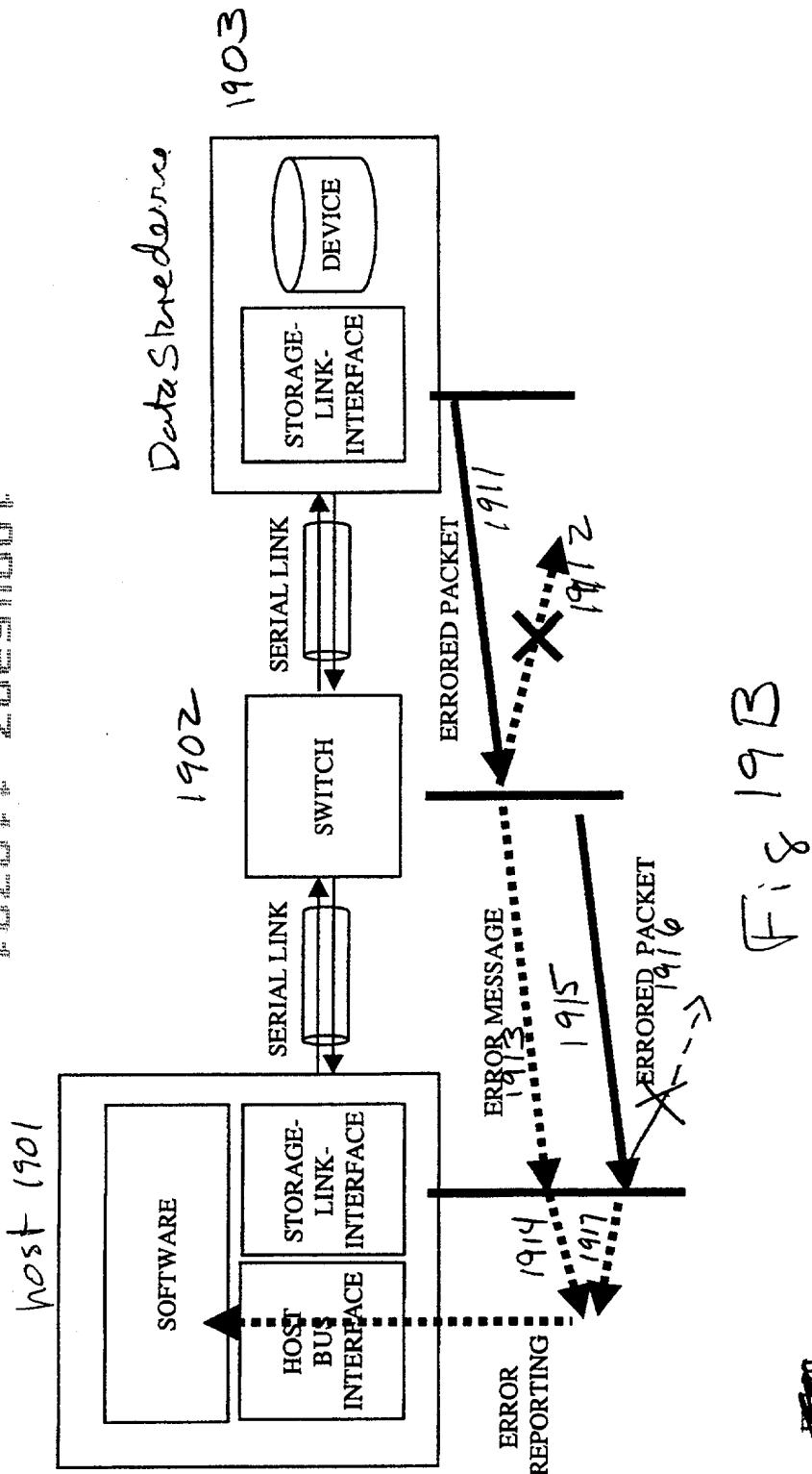
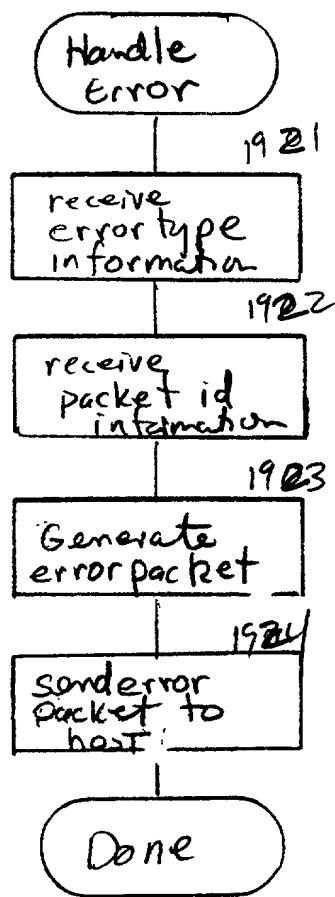


Fig 19 B



19 C

8b Code	9 bit symbol
0000 0000	101010101
0000 0001	101010100
0000 0010	101010111
⋮	
0101 0101	001010101
⋮	
0111 0110	001110110
0111 0111	100100010
⋮	
1111 1111	110101010

Fig 20

$$\overline{b_0} \overline{b_1} \overline{b_2} \overline{b_3} \overline{b_4} \overline{b_5} = \overline{b_0} \overline{b_1} \overline{b_2} \overline{b_3} \overline{b_4} \overline{b_5}$$

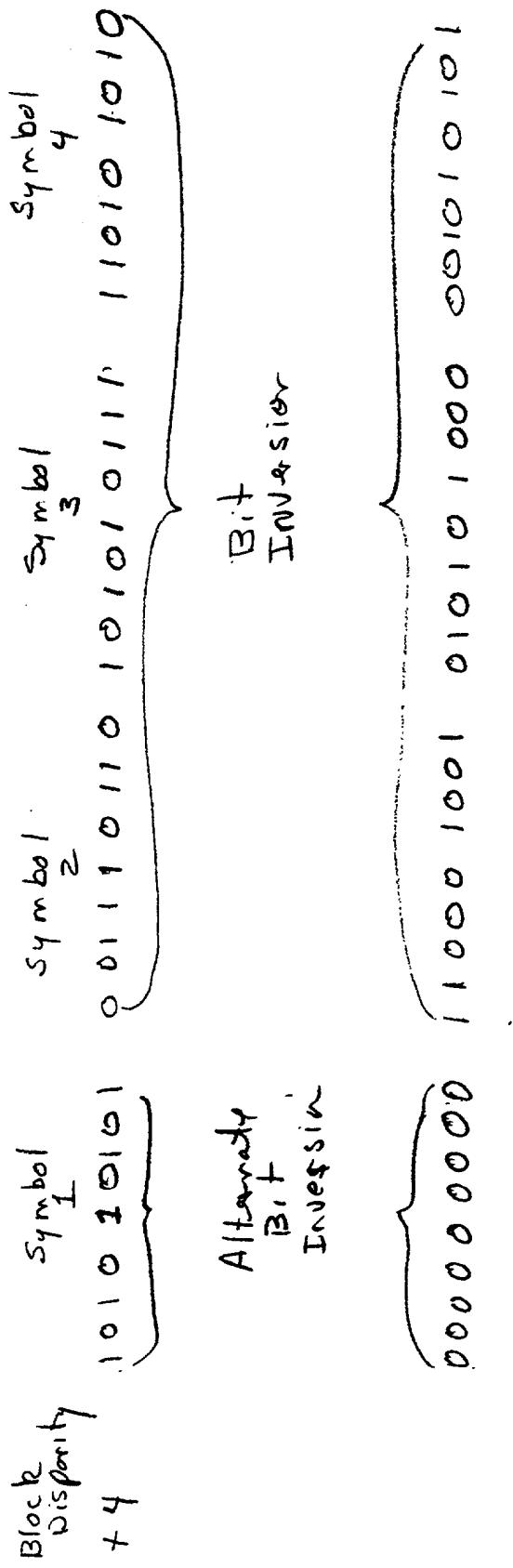
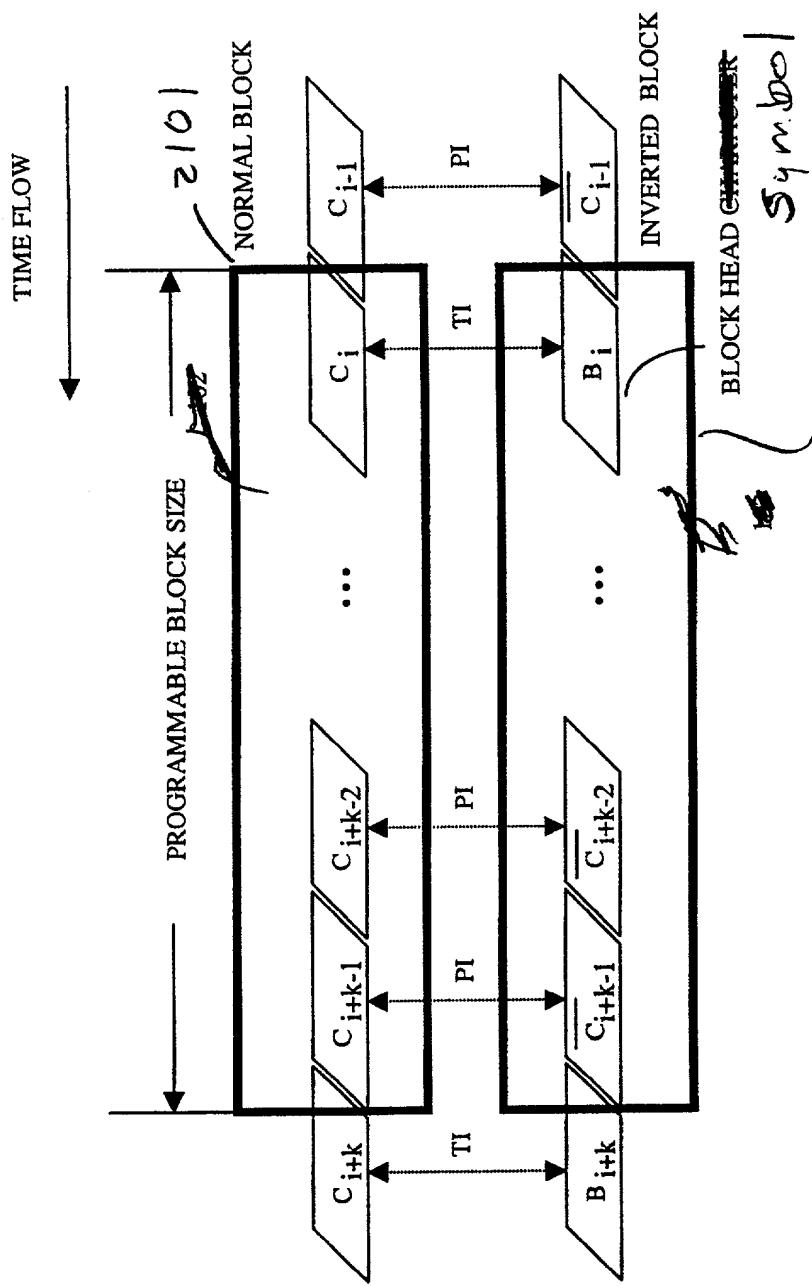


Fig 21A



2102

Fig 21B

$$\overline{P_1} \overline{P_2} \overline{P_3} \overline{P_4} \overline{P_5} \overline{P_6} = \overline{P_2} \overline{P_3} \overline{P_4} \overline{P_5} \overline{P_6} \overline{P_1}$$

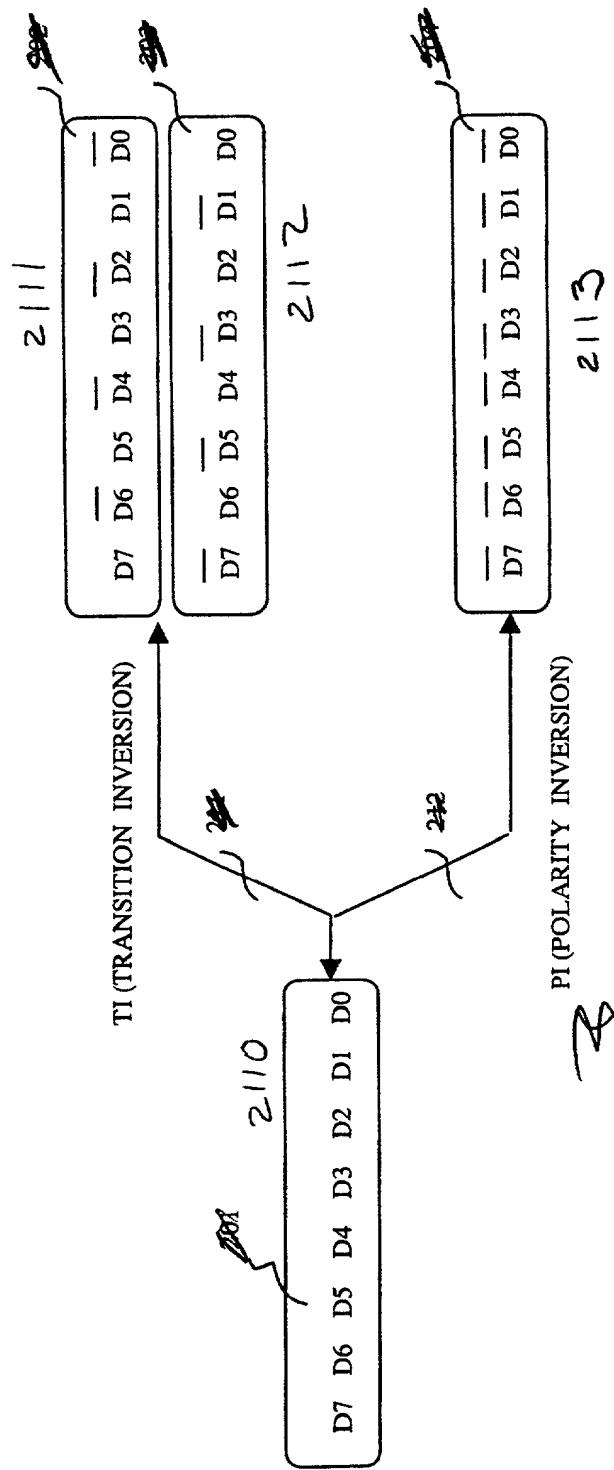


Fig 21 C

212

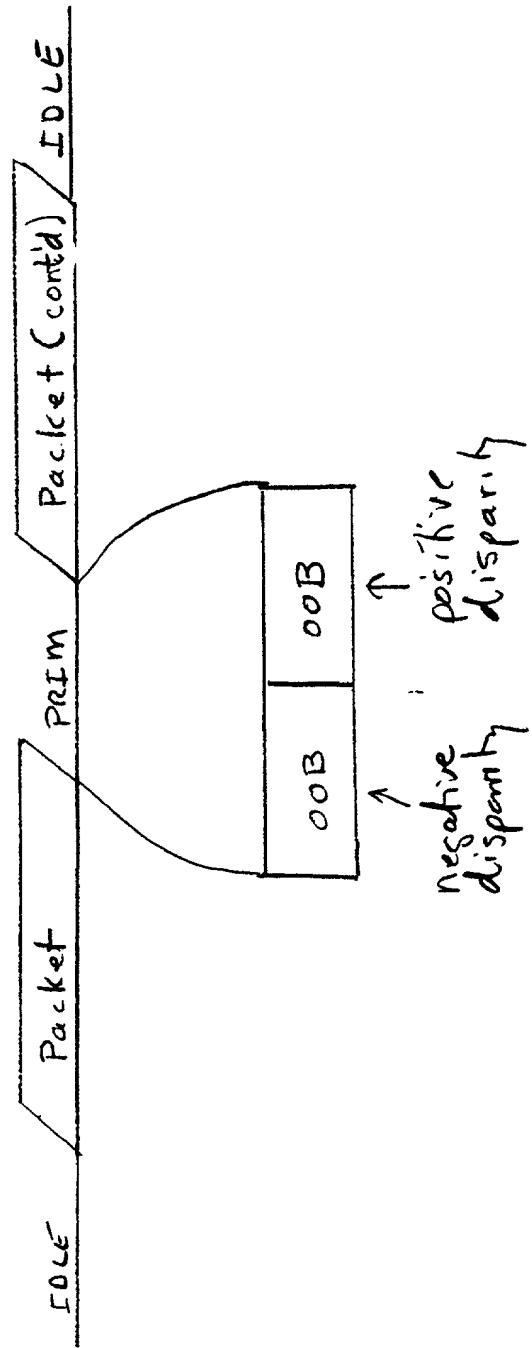


Fig 22

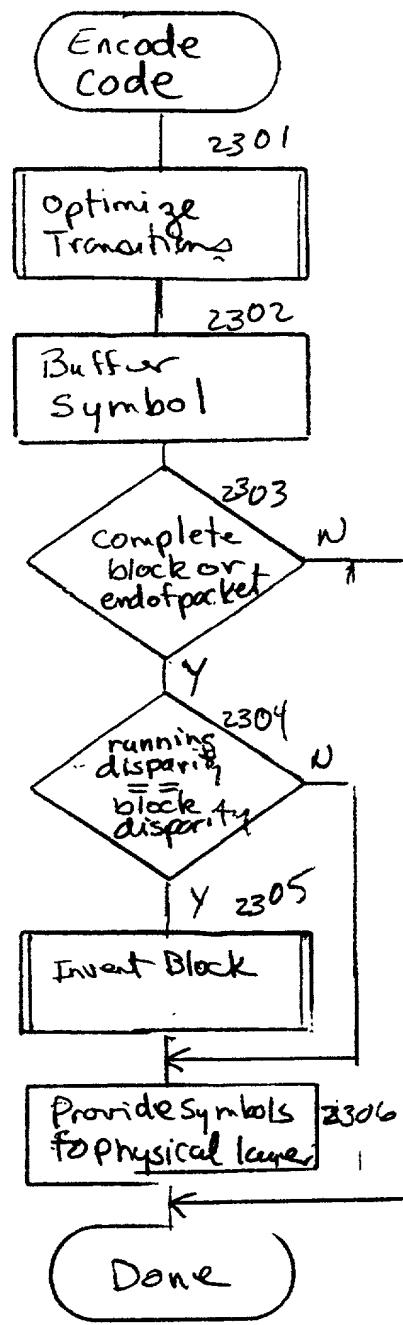


Fig 23

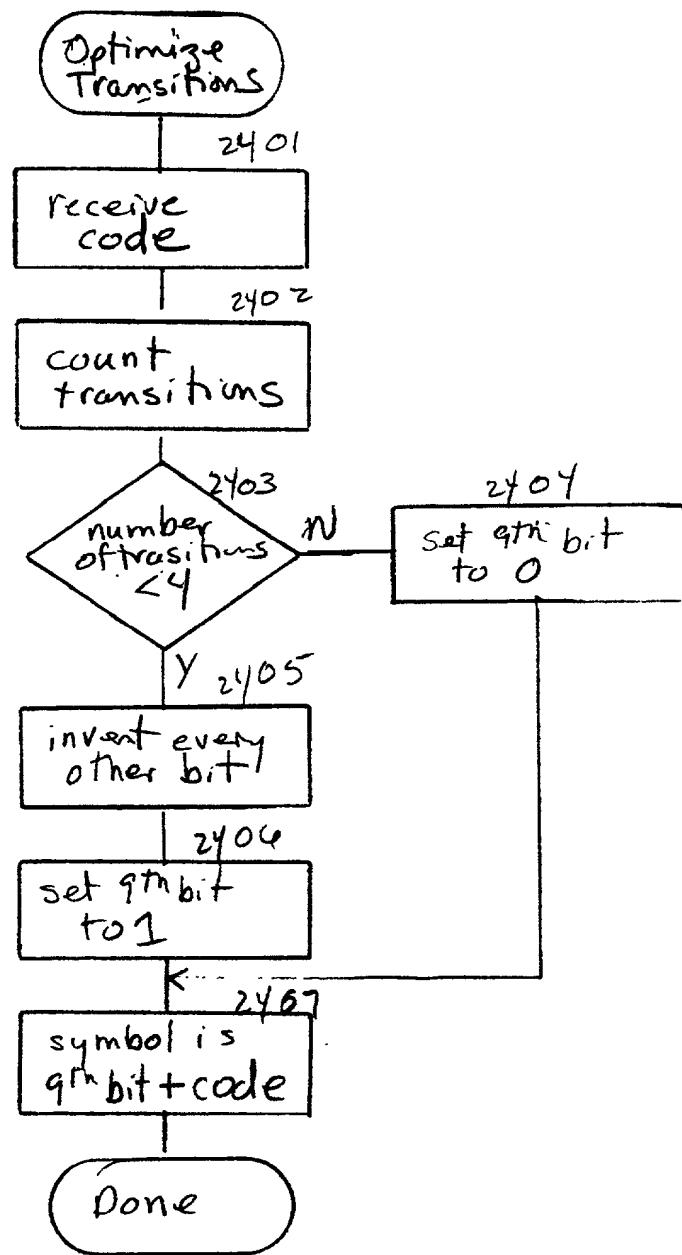


Fig 24

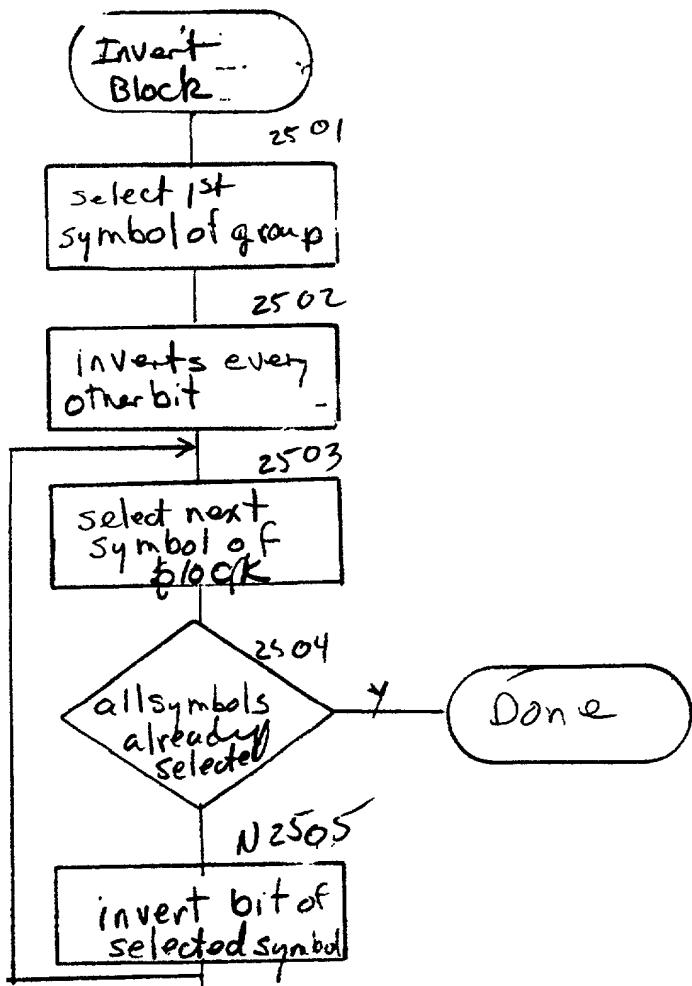


Fig 25-

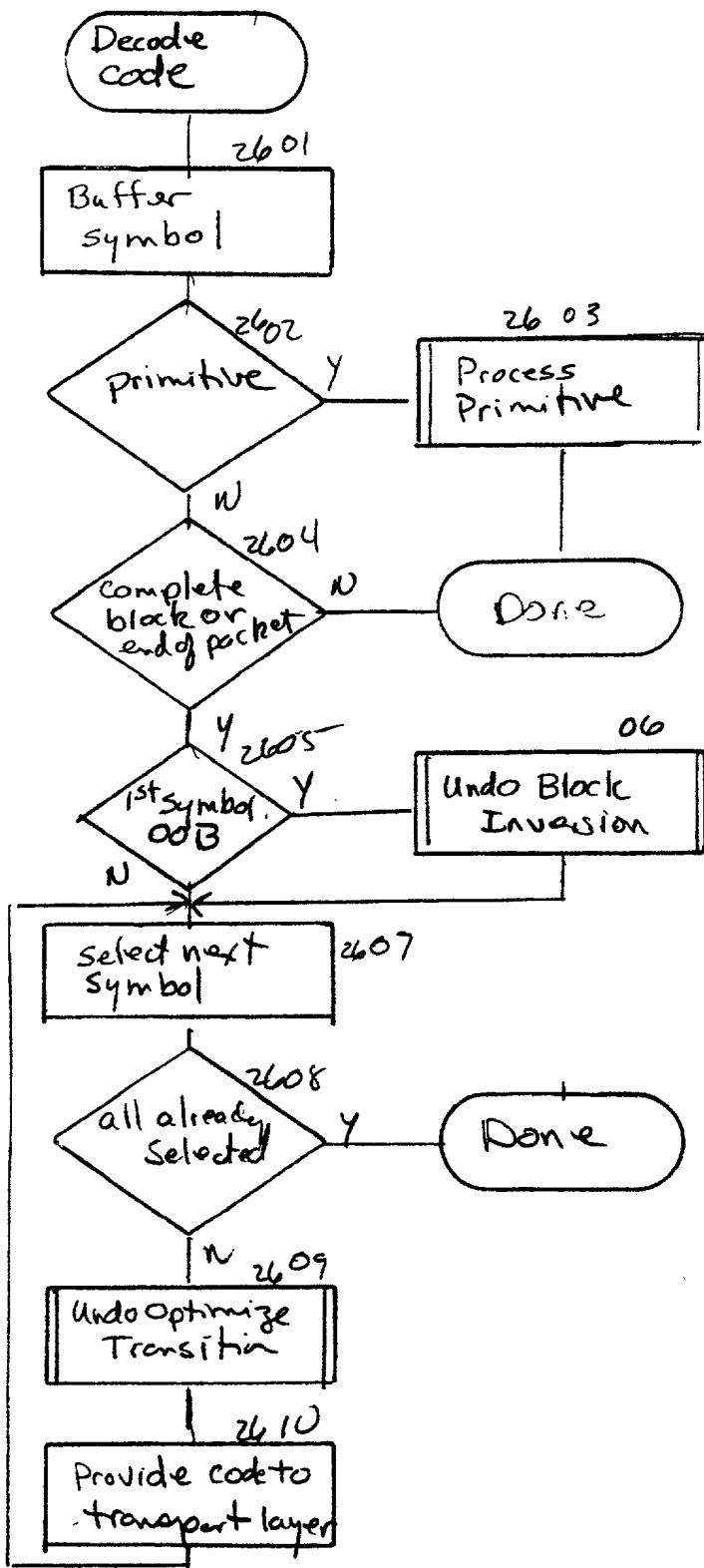


Fig 26

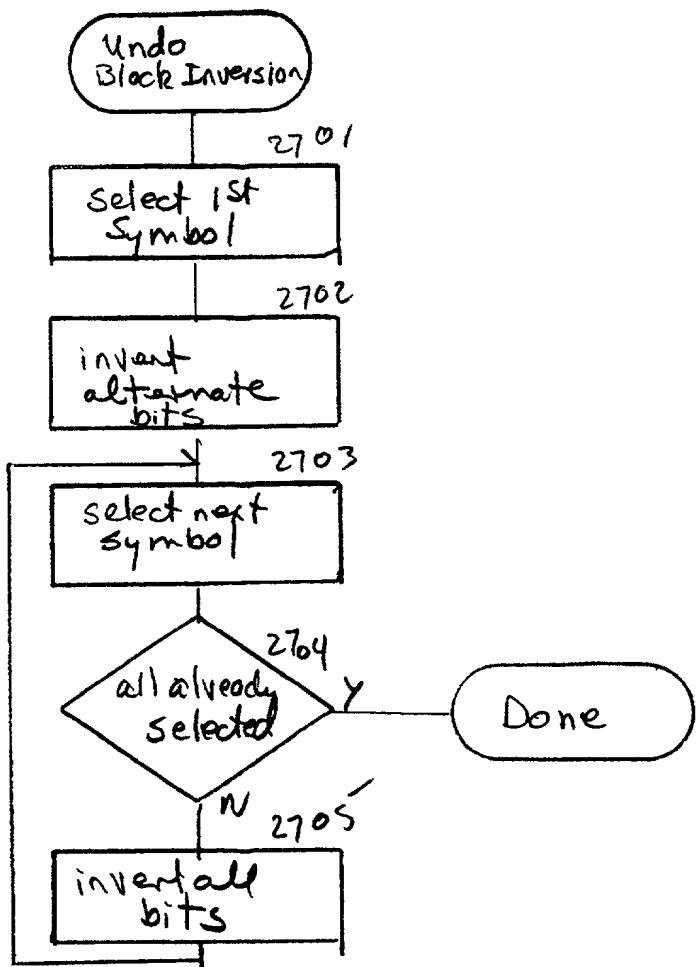


Fig 27

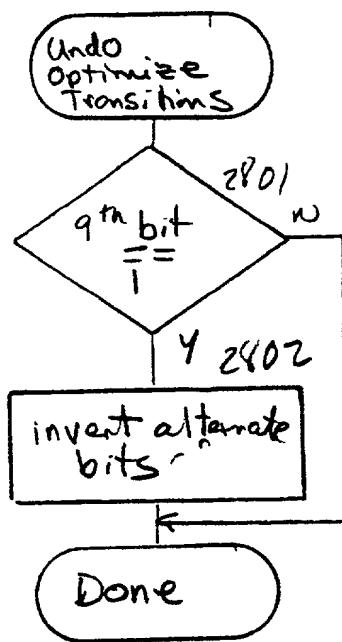


Fig 28

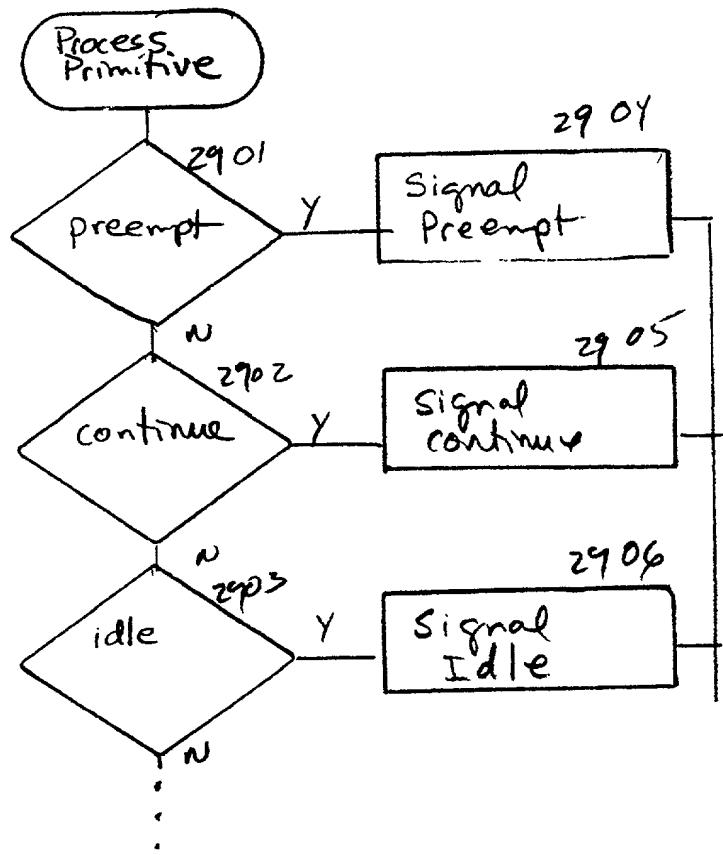
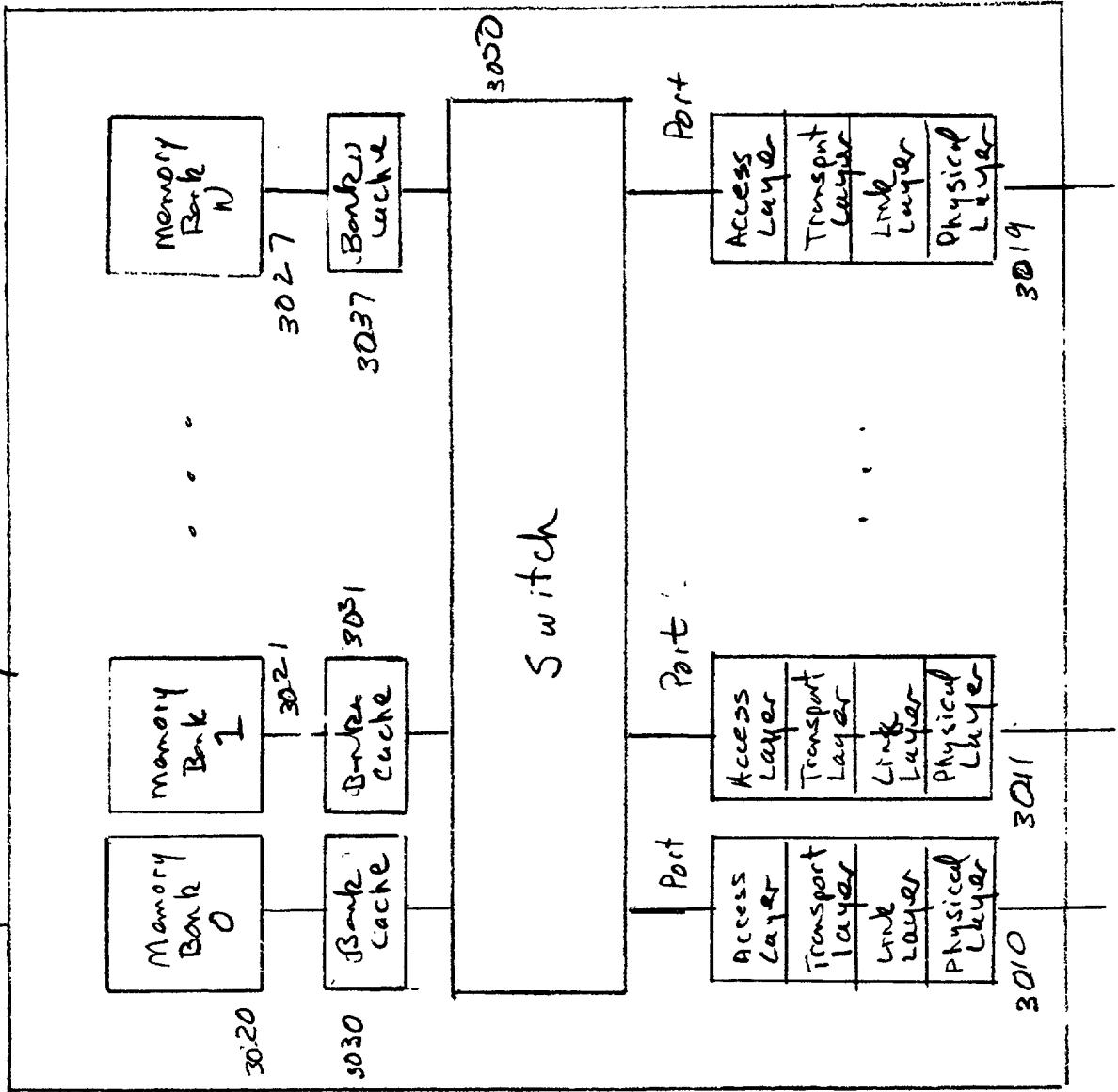


Fig 29

Multipart Memory Device

30.00



30
33
35
E

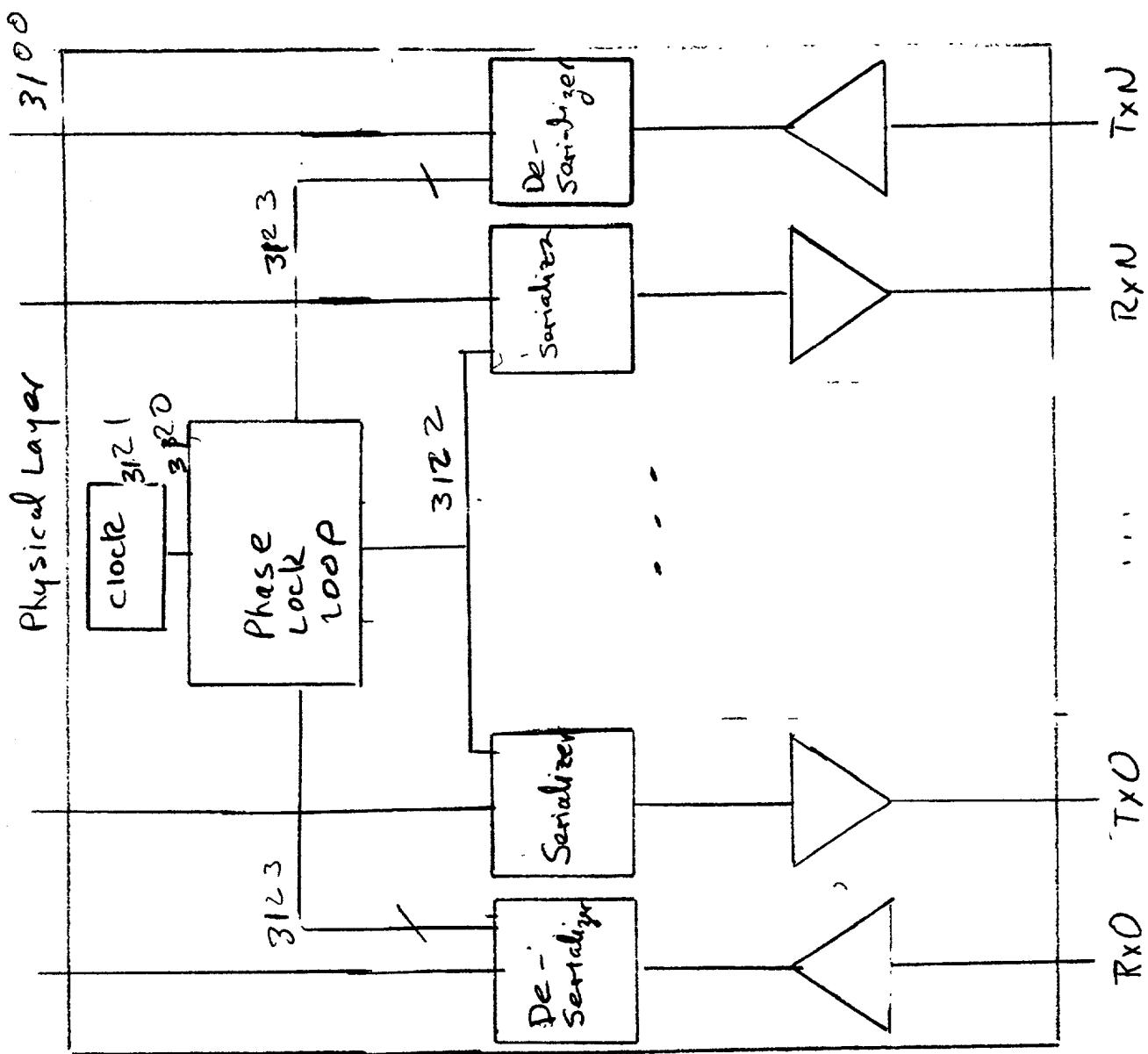


Fig. 31. 31.10

Port Input Queue 3201

Port	R/W	Address	Data
3	R	1000	
4	W	4000	10...1
3	W	1000	111...0
3	R	2000	

Output Queue 3202

Valid	Port	Data
1	3	110...0
0		
0		
1	3	101...1

Fig 32

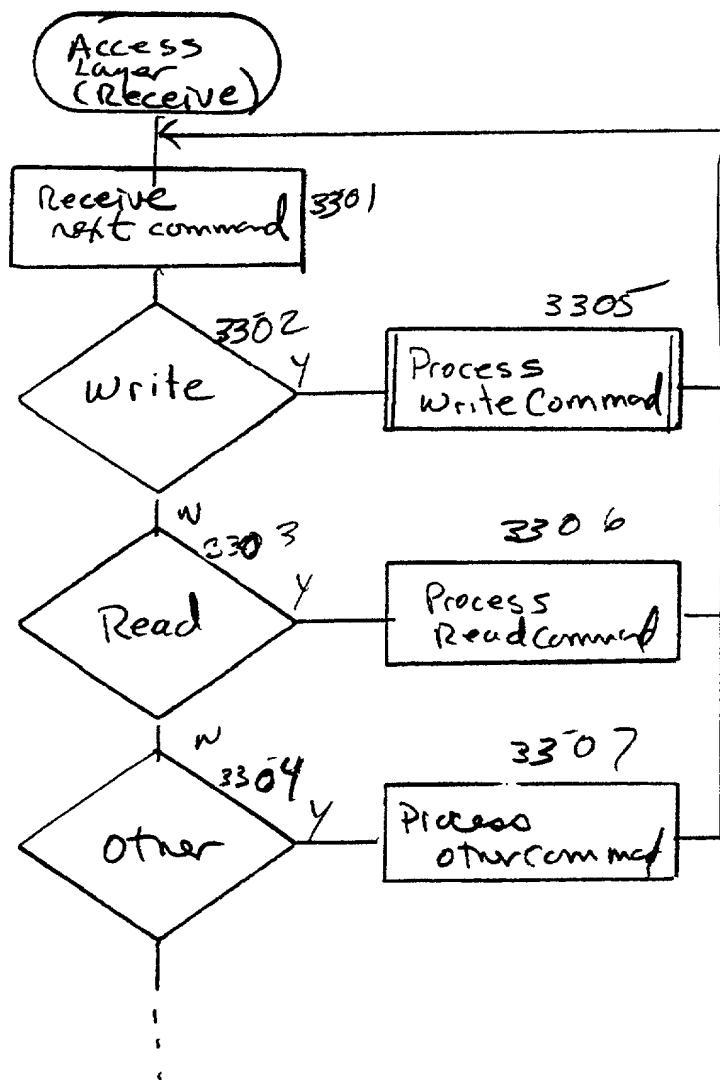


Fig 33

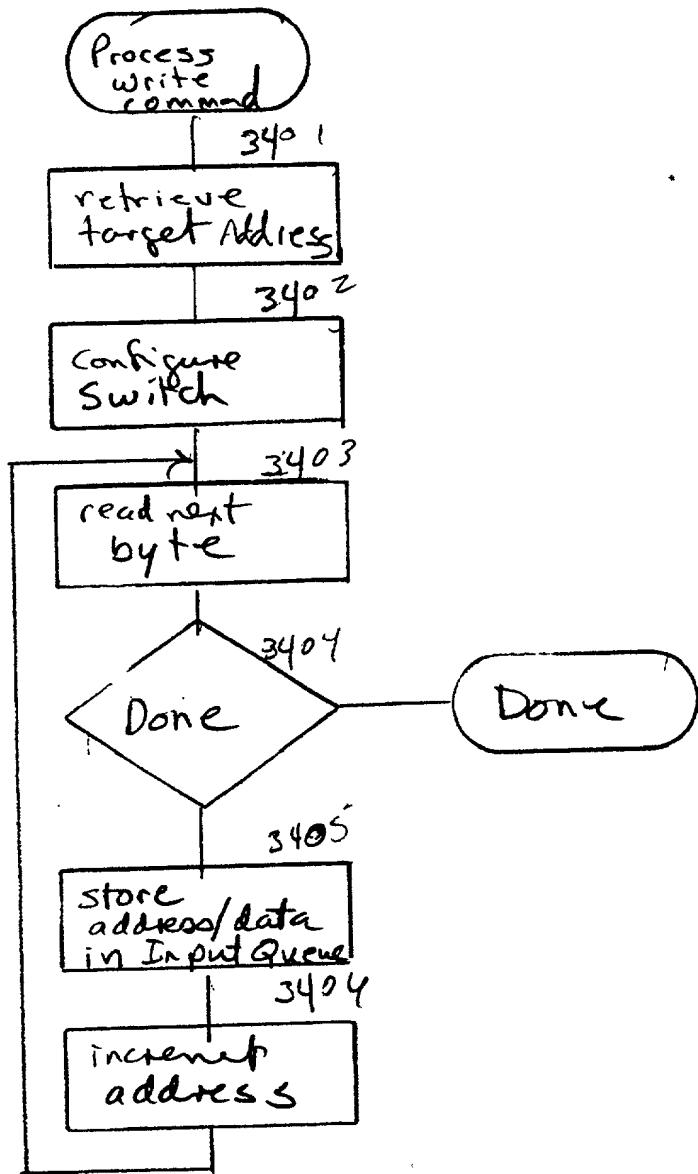


Fig 34

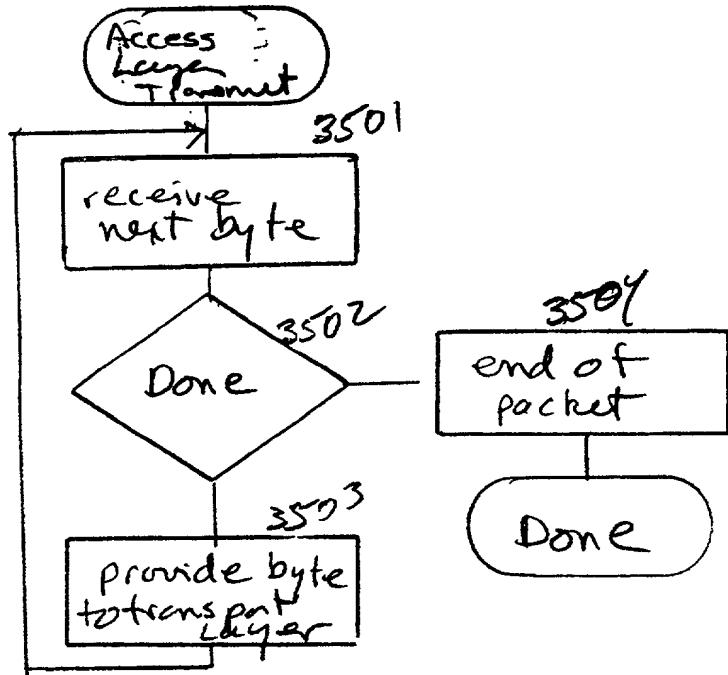
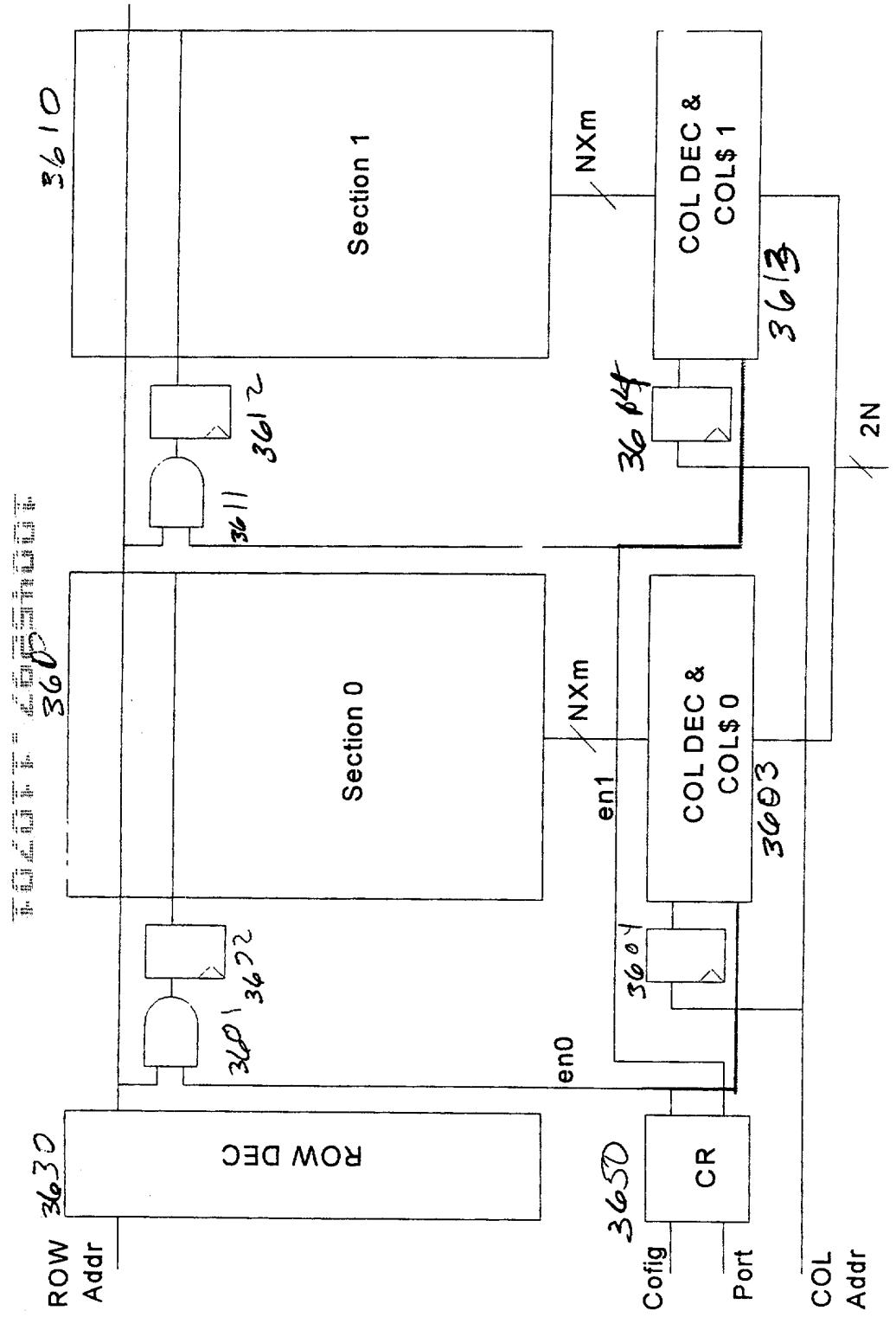


Fig 35



F, \in 36

Line Driver 3700

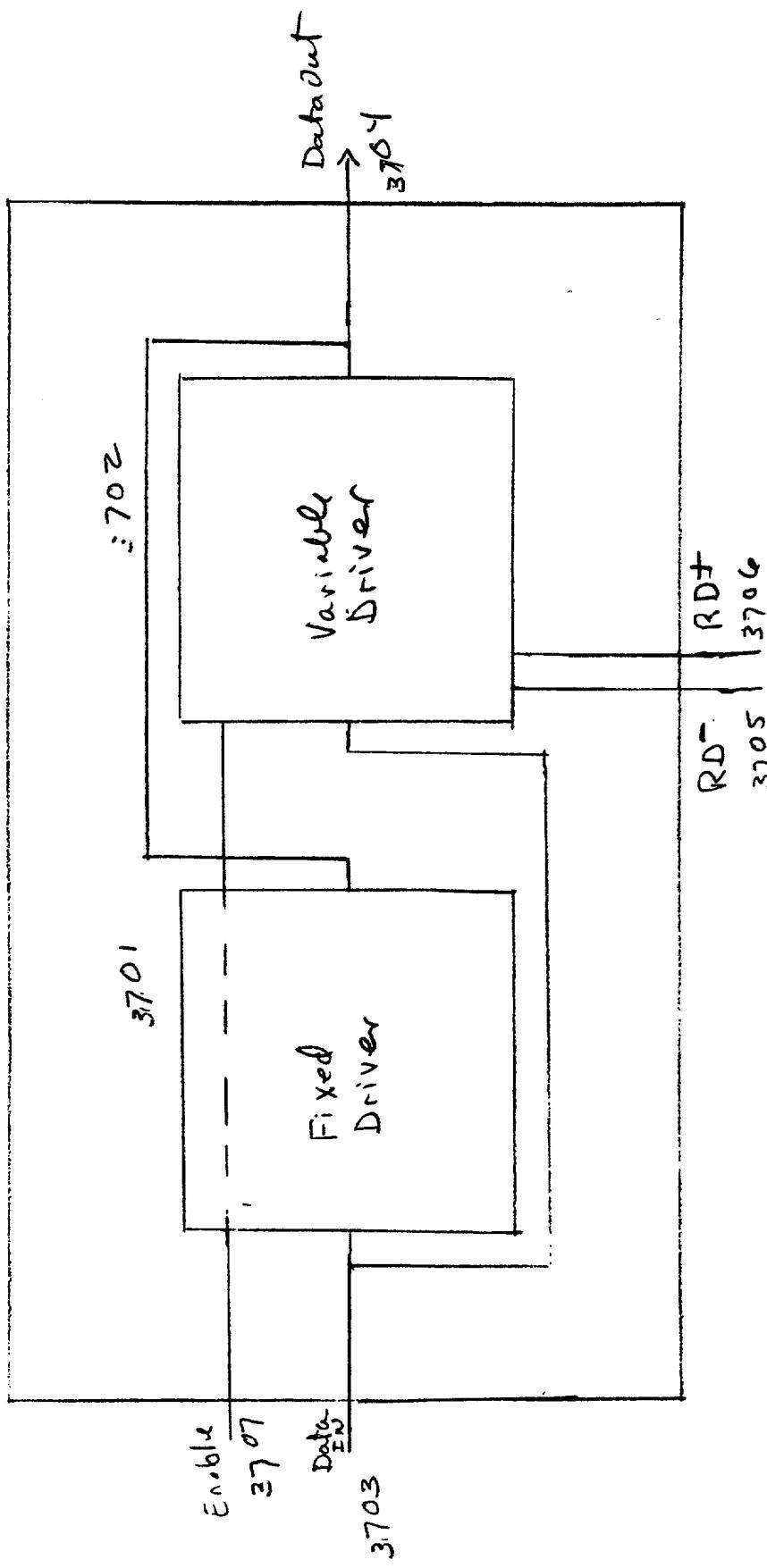


Fig 37A

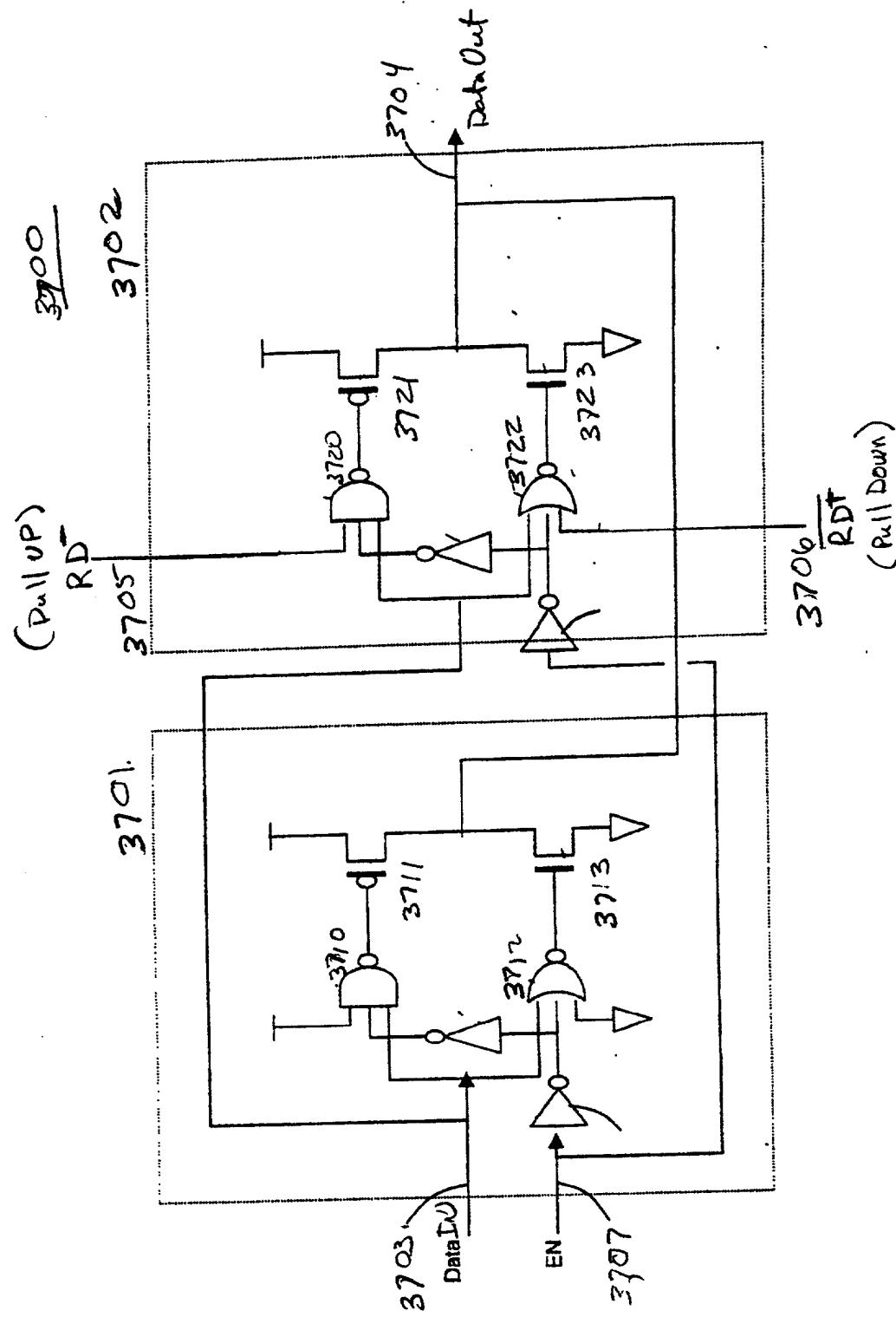
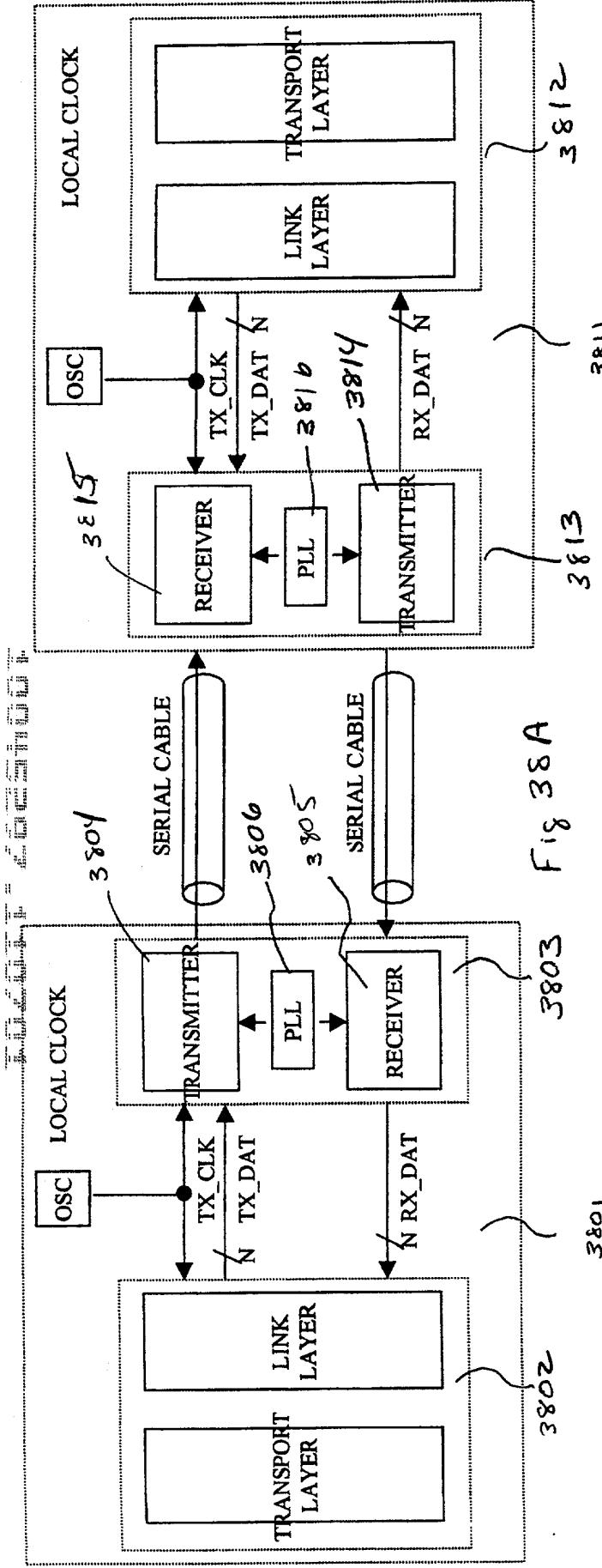


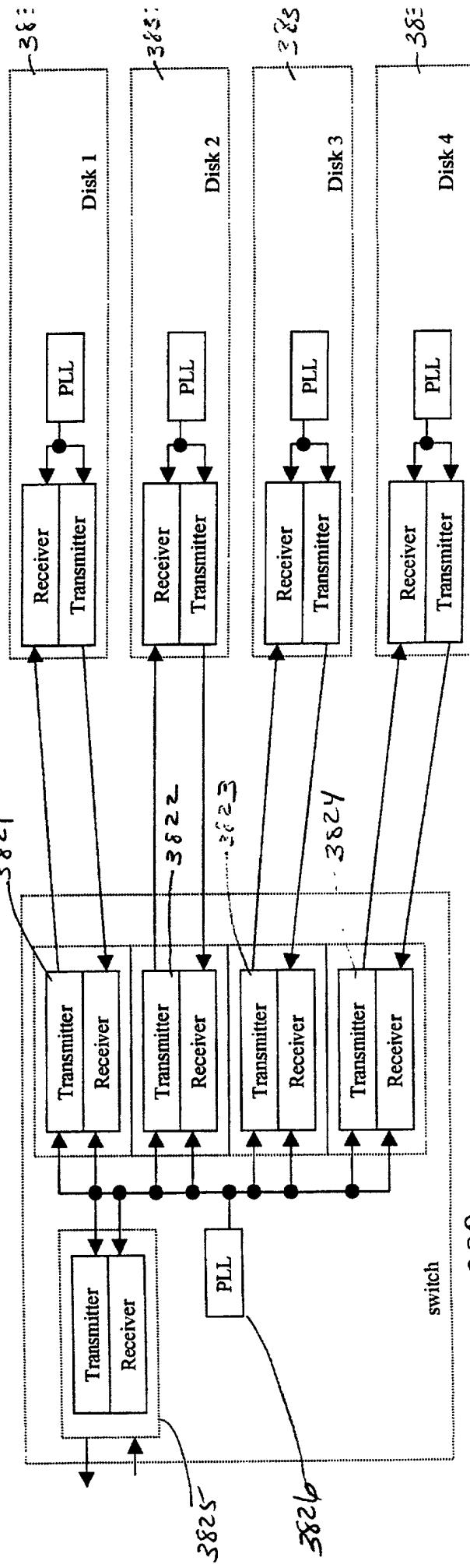
Fig 37B



3803 Fig 38A

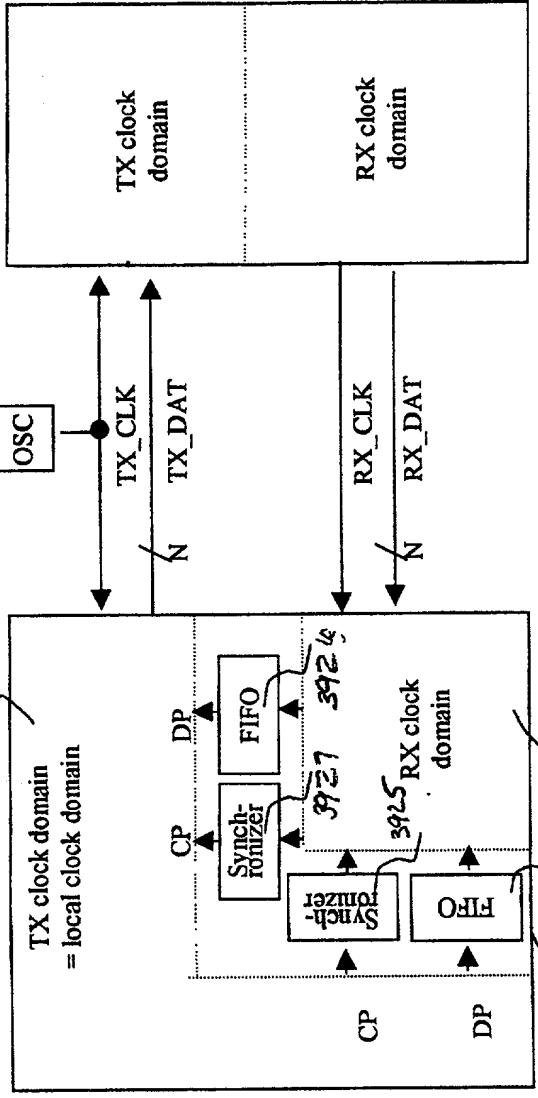
८३

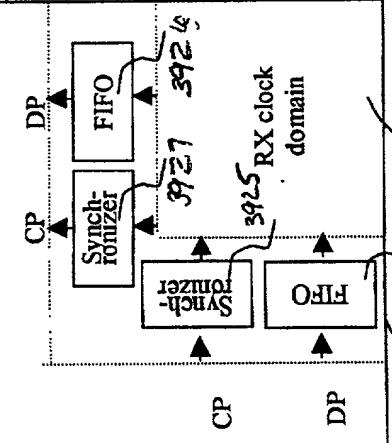
2-83

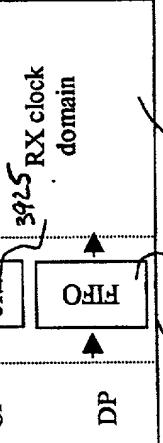


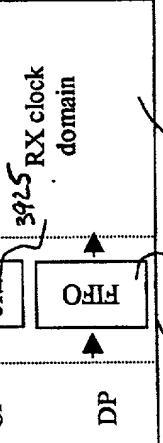
3838
E

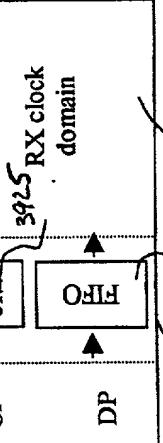
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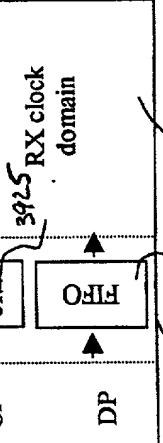
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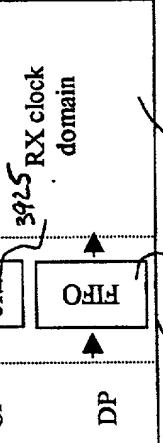
3923  3924 3922

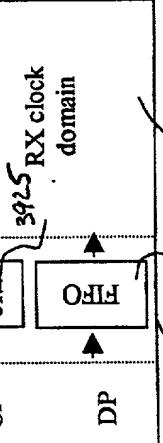
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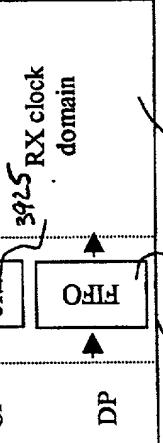
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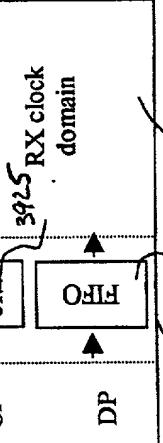
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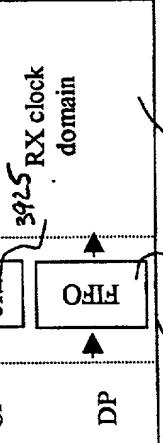
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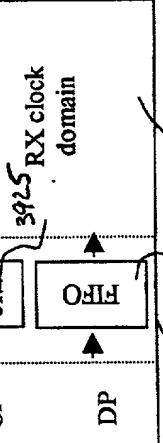
3933  3934

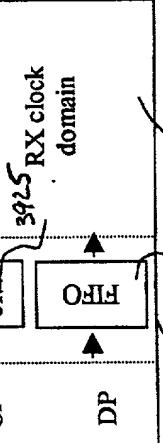
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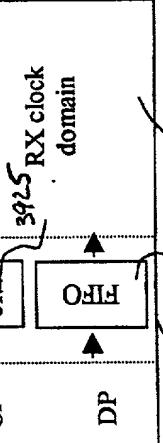
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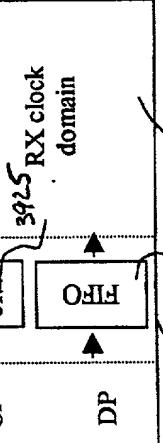
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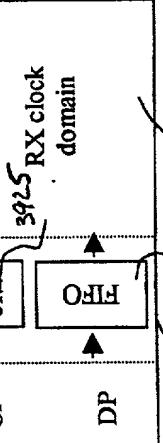
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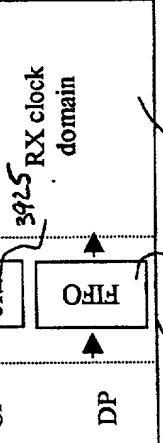
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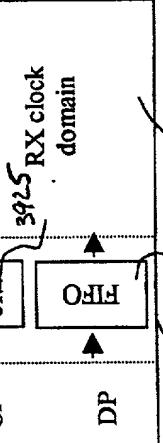
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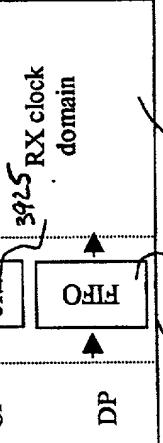
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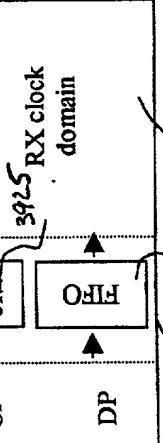
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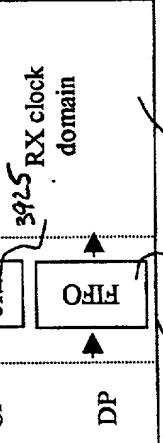
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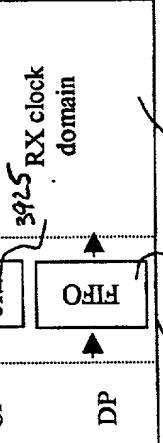
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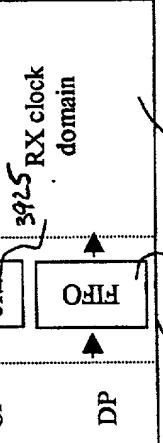
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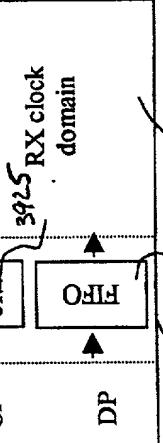
3957  3958

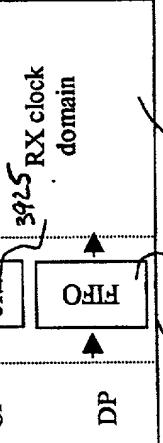
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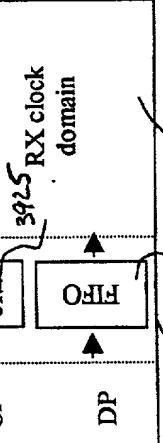
3961  3962

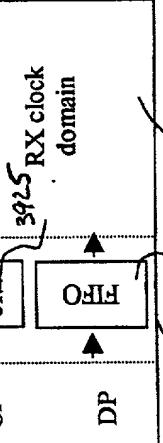
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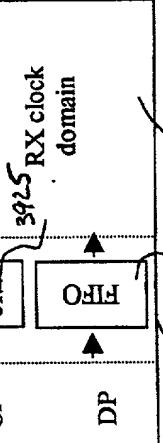
3965  3966

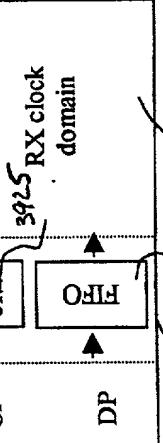
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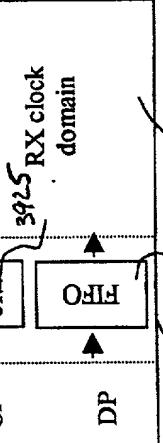
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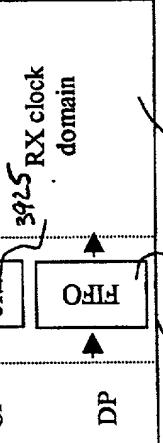
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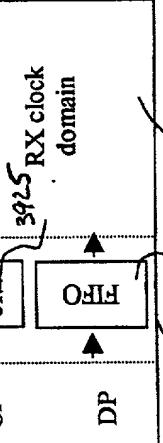
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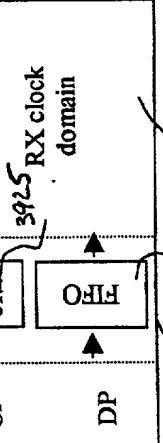
3975  3976

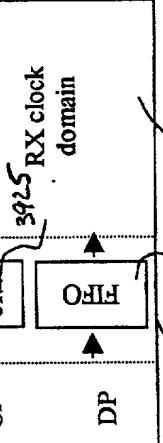
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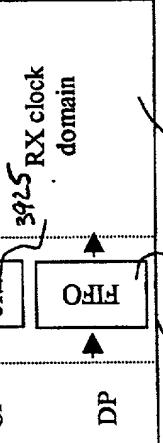
3979  3980

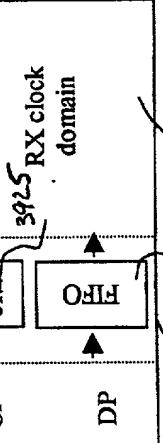
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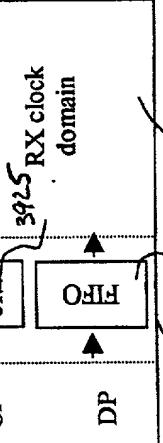
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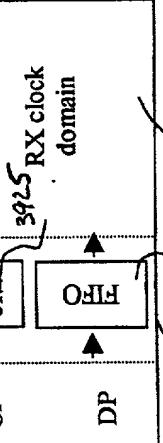
3985  3986

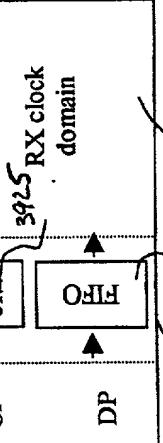
3987  3988

3989  3990

3991  3992

3993  3994

3995  3996

3997  3998

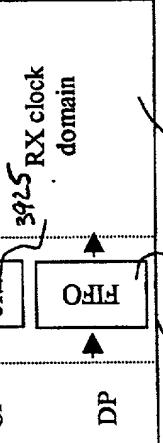
3999  3910

Fig 39A

Fig 39B

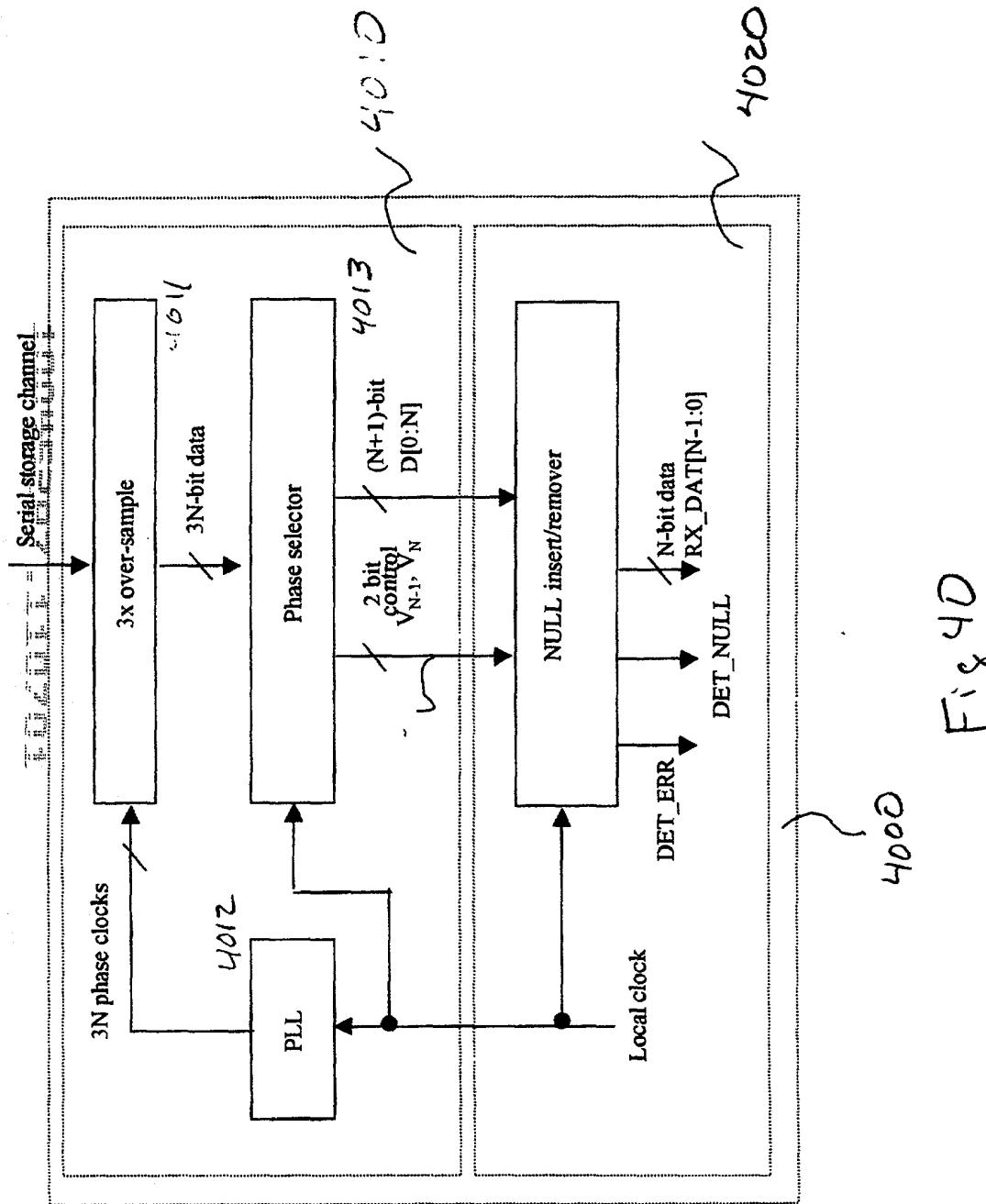
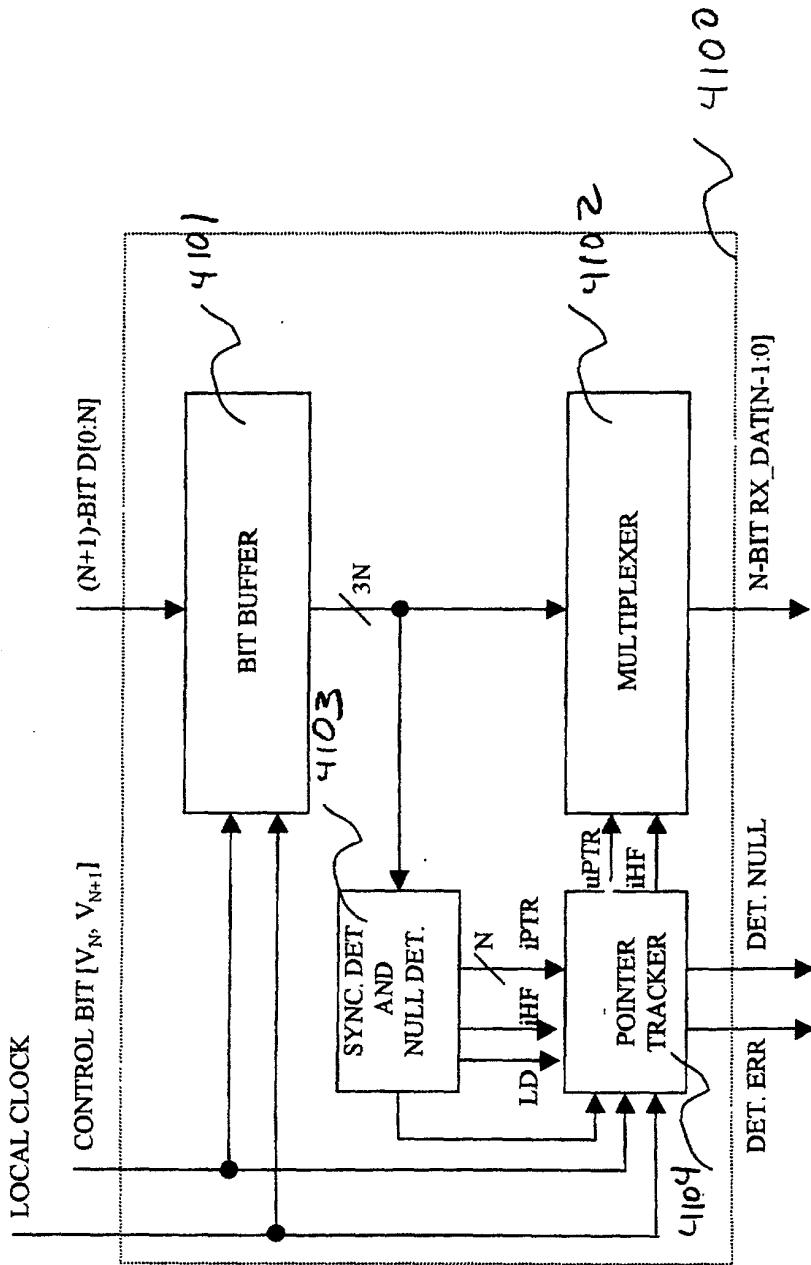


Fig 40



F; 8 41

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$$[V_{N-1}, V_N] = [1, 0]$$

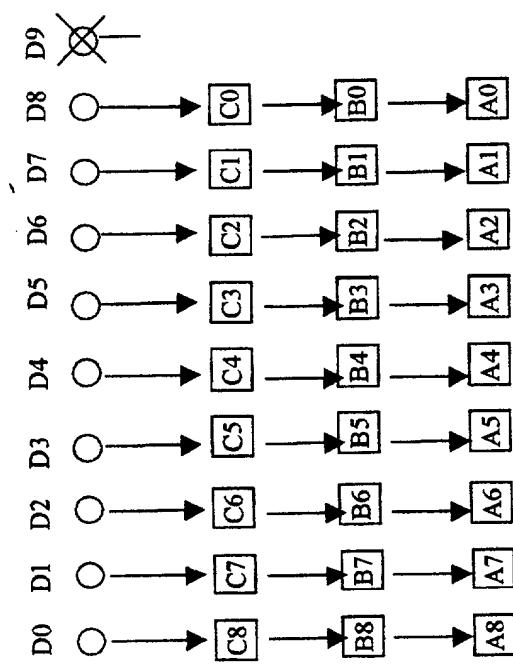
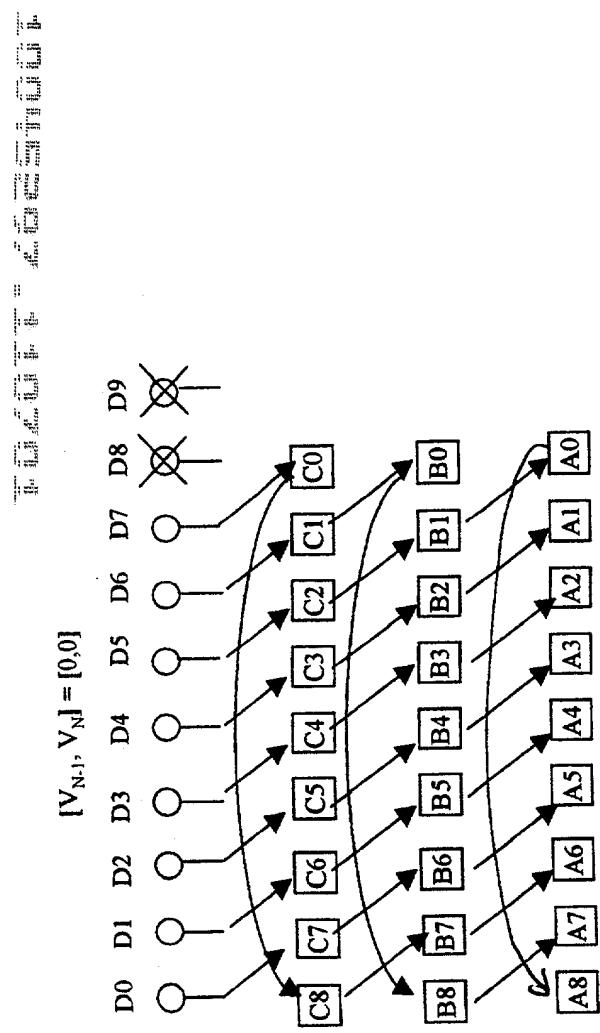


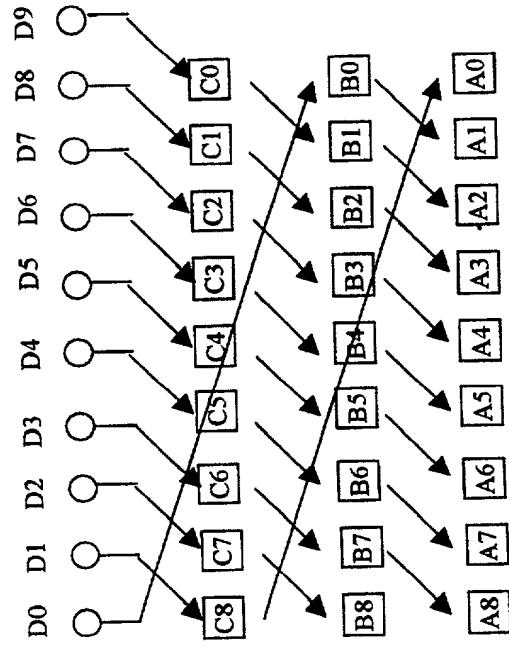
Fig 42A



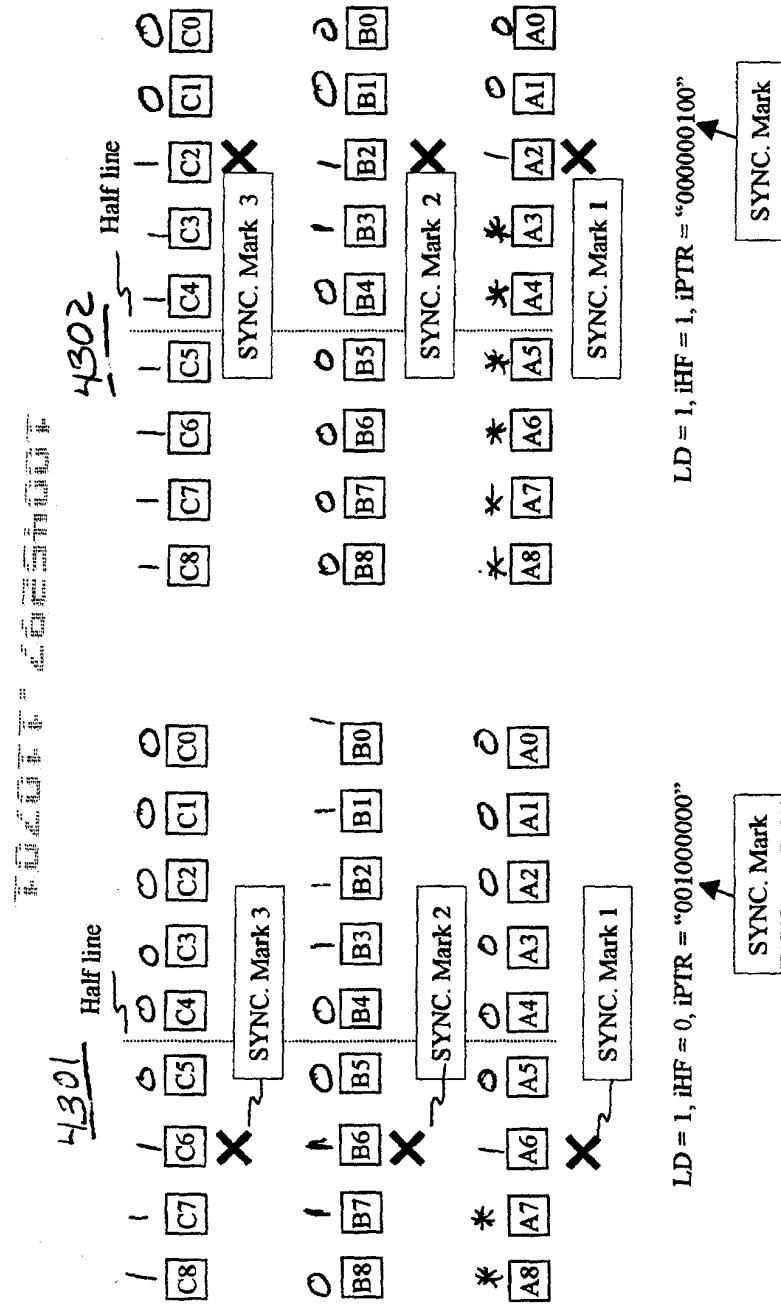
$F_8 \in \mathcal{B}$

$$\frac{1}{\mu_1} \frac{1}{\mu_2} \frac{1}{\mu_3} \frac{1}{\mu_4} \frac{1}{\mu_5} \frac{1}{\mu_6} \frac{1}{\mu_7} \frac{1}{\mu_8} = \frac{1}{\mu_1} \frac{1}{\mu_2} \frac{1}{\mu_3} \frac{1}{\mu_4} \frac{1}{\mu_5} \frac{1}{\mu_6} \frac{1}{\mu_7} \frac{1}{\mu_8}$$

$[V_{N1}, V_N] = [1,1]$



$F_{18} 42 C$

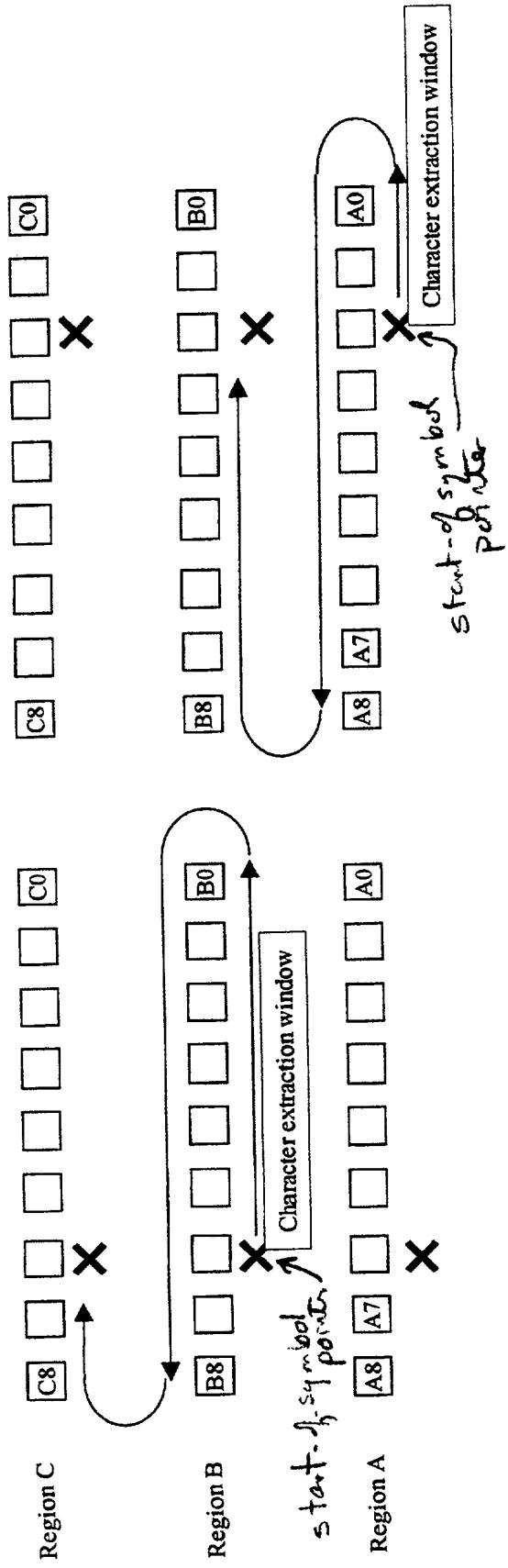


LD = 1, iHF = 0, iPTR = "001000000"

LD = 1, iHF = 1, iPTR = "0000000100"

Fig. 43

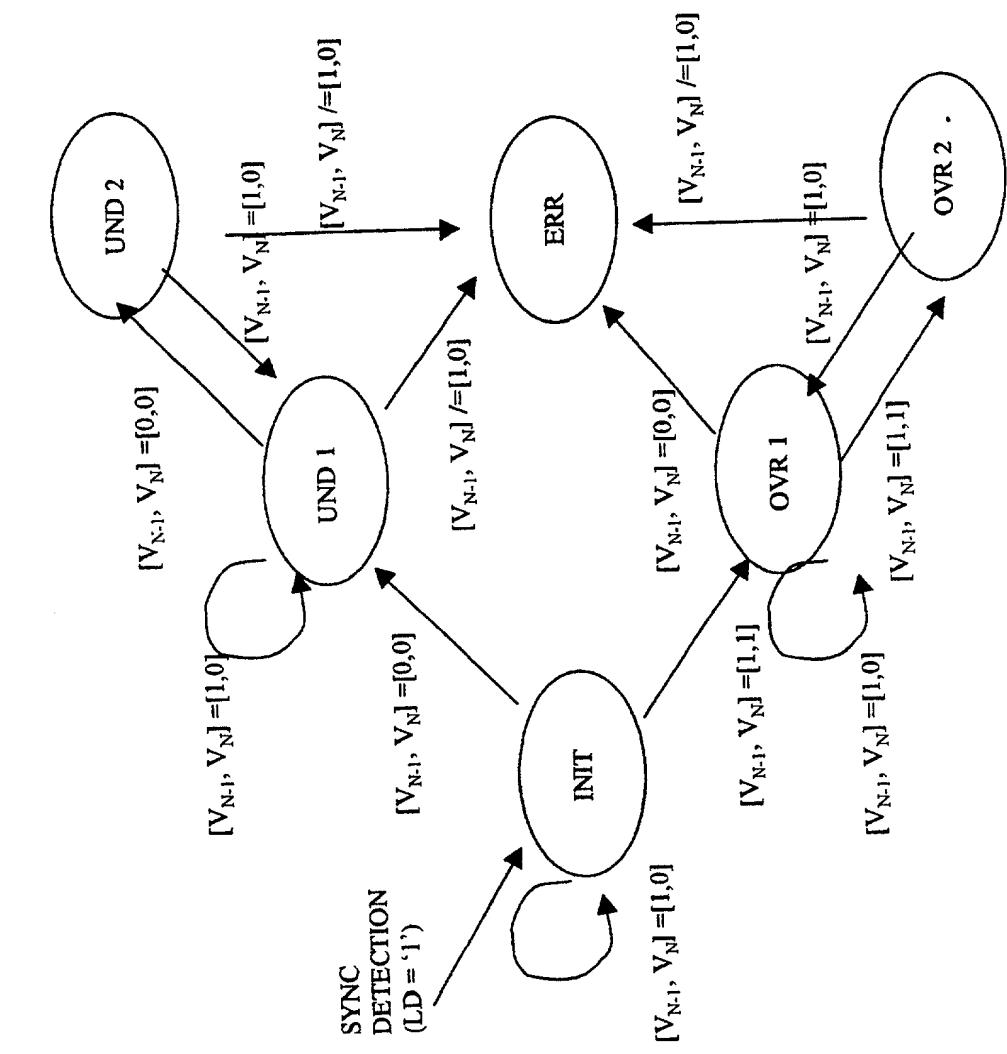
start of symbol pointer = 00100000000000000000000000000000



LD = 1, iHF = 0, iPTR = "00100000000000000000000000000000"

LD = 1, iHF = 1, iPTR = "0000000100"

F.8 44



F.8 45

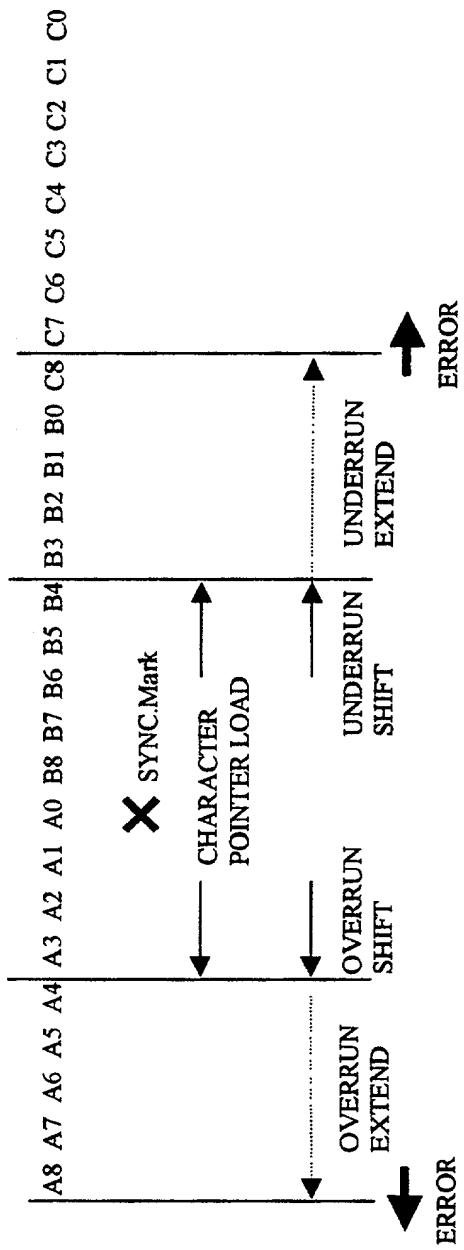


Fig 46

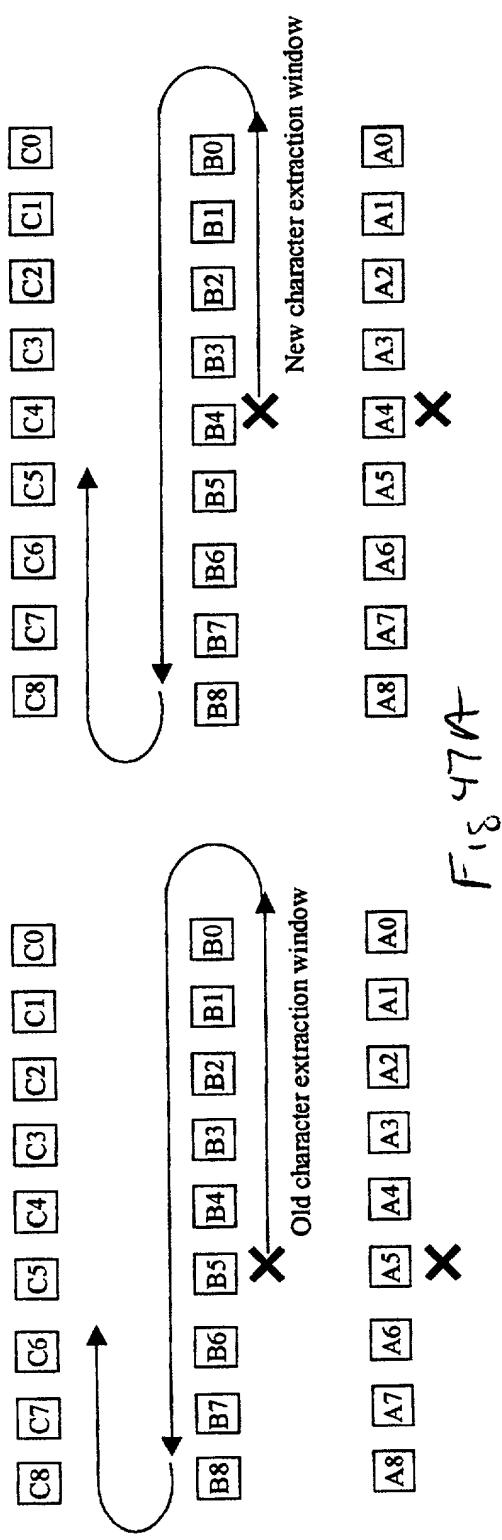


Fig 47A

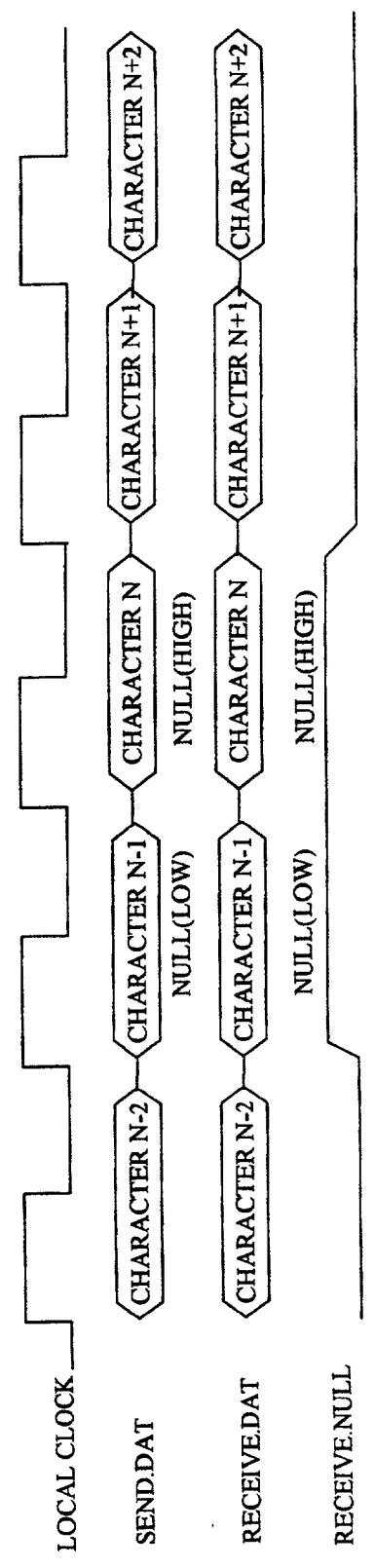
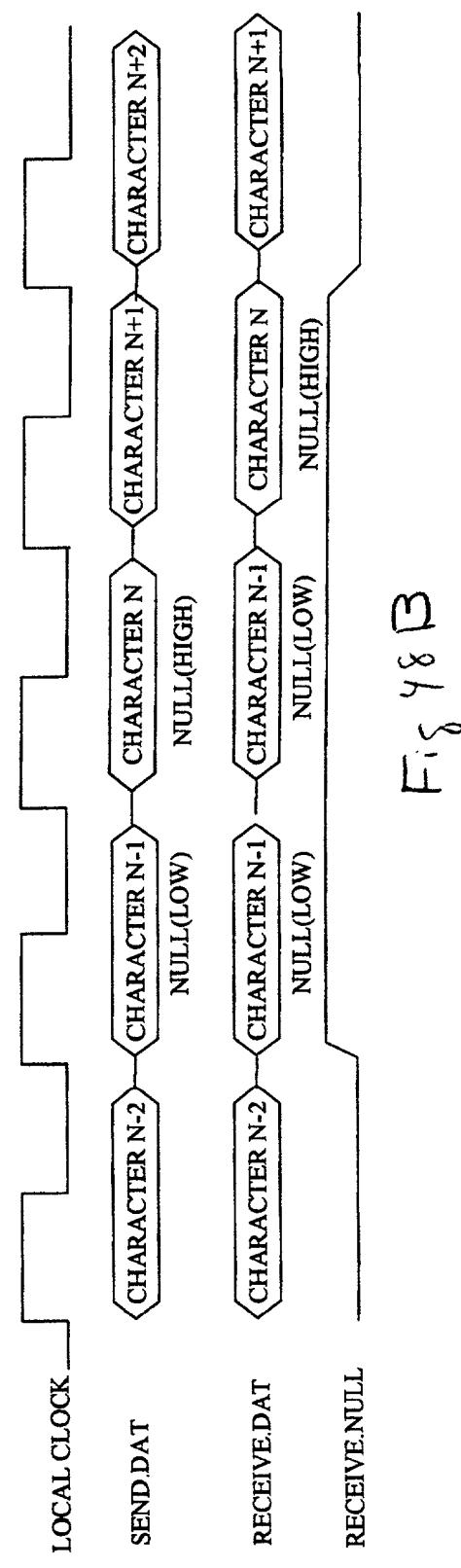
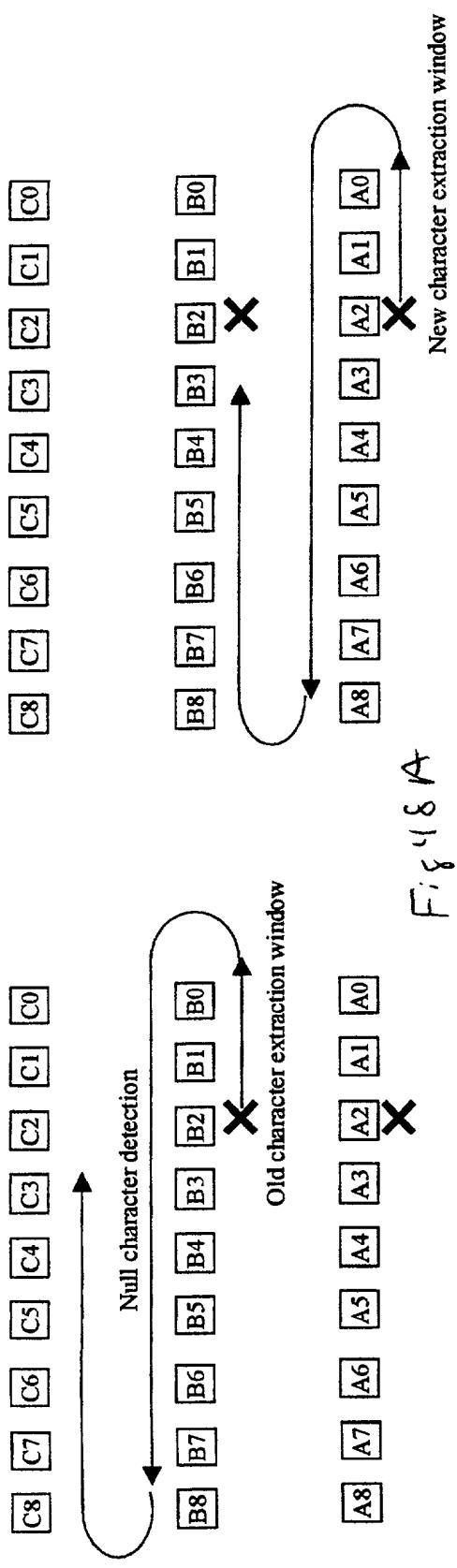


Fig 47B



F; f 4 8 B

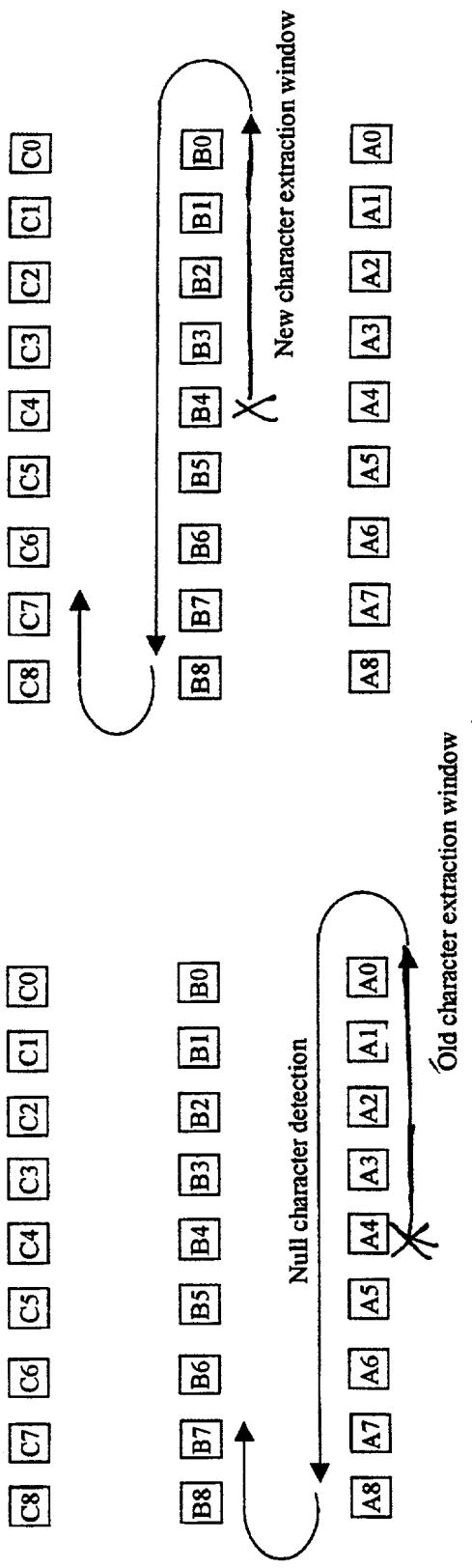


Fig. 49A

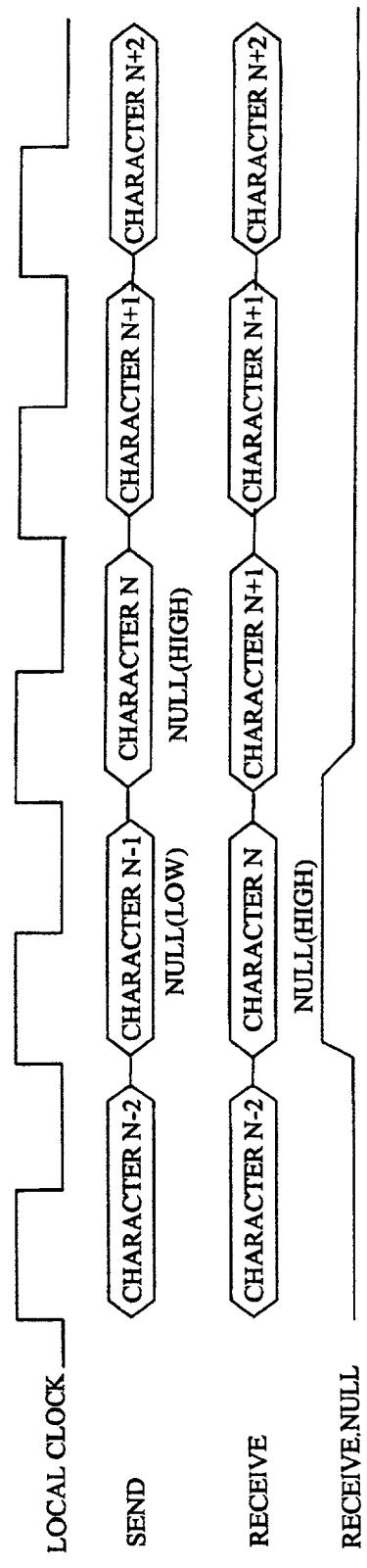


Fig. 49B